

RATIFICATION AND JOINDER
OF UNIT AGREEMENT AND OPERATING AGREEMENT
FOR UNIT EXPANSION AREA B

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 for the 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; SUBJECT TO THE TERMS AND CONDITIONS OF THE ADDENDUM ATTACHED HERETO AND MADE A PART HEREOF.

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 23rd day of November, 1990.

AMERADA HESS CORPORATION

By: Marco B. Bianchi *the true JCH*
Title: Sr. Vice President

Address:

AMERADA HESS CORPORATION
P O BOX 2040
TULSA, OK 74102-2040

B-002

CORPORATION ACKNOWLEDGMENT

THE STATE OF OKLAHOMA §

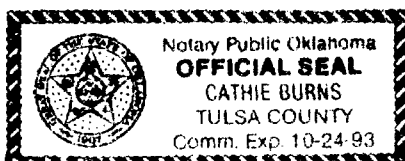
COUNTY OF TULSA §

The foregoing instrument was acknowledged before me this 23rd day of November, 1990 by Marco B. Bianchi, Senior Vice President, for/of Amerada Hess Corporation, a Delaware corporation, on behalf of said corporation.

My Commission Expires:

10-24-93

Cathie Burns
Notary Public
Cathie Burns



WORKING INTEREST OWNER

ADDENDUM TO RATIFICATION AND JOINDER
OF UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
FOR UNIT EXPANSION AREA B OF THE
EUNICE MONUMENT SOUTH UNIT,
LEA COUNTY, NEW MEXICO

Whereas, Working Interest owners in the Eunice Monument South Unit (EMSU) have determined it to be desirable to expand the boundaries of the EMSU described in that certain Unit Agreement dated June 22, 1984, and effective February 1, 1985; and

Whereas, Working Interest Owners in said EMSU have, in accordance with the EMSU Unit Agreement and Unit Operating Agreement, agreed to expand said EMSU to include certain other lands described as Expansion Area B; and

Whereas, Working Interest Owners in Expansion Area B desire their interest be added to, included in, and made a part of an expanded EMSU, to be operated in accordance with the Unit Agreement and Unit Operating Agreement of said EMSU, subject to the terms and conditions of this Addendum attached thereto and made a part thereof;

Now, therefore, owners of interest in Expansion Area B do hereby agree to Ratification and Joinder of the EMSU Unit Agreement and Unit Operating Agreement, in accordance with the provisions herein contained.

It is the intent of the owners of interests executing the Ratification and Joinder attached hereto to approve and join in the expansion of the Eunice Monument South Unit for secondary and/or enhanced recovery operations by expansion of the existing unit to encompass the following lands hereinafter referred to as "Unit Area B", "Expansion Area B", or "Unit Expansion Area B".

Lands Encompassed in Unit Expansion Area B

Township 20 South, Range 36 East, N.M.P.M., Lea County, New Mexico

Section 10: E/2E/2
Section 11: W/2, W/2NE/4, SE/4
Section 13: W/2, S/2SE/4
Section 14: All
Section 15: NE/4NE/4
Section 23: All
Section 24: N/2, SW/4, W/2SE/4

Lands Encompassed in Existing Unit Area A

Township 20 South, Range 36 East, N.M.P.M.

Section 25: All
Section 36: All

Township 20 South, Range 37 East, N.M.P.M.

Section 30: S/2, S/2N/2, NE/4NW/4 and NW/4NE/4
Section 31: All
Section 32: All

Township 21 South, Range 36 East, N.M.P.M.

Section 2: S/2S/2
Section 3: Lots 3, 4, 5, 6, 11, 12, 13, and 14 and S/2
Section 4 through 11: All
Section 12: W/2SW/4
Section 13: NW/4NW/4
Section 14 through 18: All
Section 21: N/2 and N/2S/2
Section 22: N/2 and N/2S/2

The parties hereto agree to operate the existing Unit Area (Area A) and the Unit Expansion Area B as separate entities until such time as the Working Interest Owners of the existing Unit Area and the Unit Expansion Area B agree to consolidate facilities and operations under the terms and voting procedures of the Unit and Unit Operating Agreement in addition to obtaining the consent of the Authorized Officer of the BLM, the Land Commissioner and the Division. The total and proportionate allocation of said investment adjustment shall be in the amounts agreed upon and evidenced by ballot of the Working Interest Owners in compliance with the voting procedures adopted by such owners.

The parties further agree that Eunice Monument South Unit will be expanded under the general terms of Section 4 (Expansion) and Section 32 (Nonjoinder and subsequent joinder) of the Unit Agreement with the understanding that at least until such time as the above described actions have consolidated facilities and operations, the following additions or exceptions shall apply:

1. As a basis for admission into the existing Eunice Monument South Unit, the Working Interest Owners in Expansion Area B will pay to the owners of the existing Unit an agreed upon investment adjustment for acquisition of an interest in the existing Eunice Monument South Unit water injection plant, main trunk line, water supply wells, water disposal well and the related equipment and facilities previously constructed to serve the existing unit area. The agreed upon investment adjustment is \$1,060,785.53, contingent upon a first quarter, 1991 commencement of water injection in the Expansion Area B. In the event this water injection commencement is later than the first quarter of 1991, the investment adjustment will be revised for depreciation as approved by the Working Interest Owners in the Expansion Area B and accepted by the Working Interest Owners of the existing Unit Area "A" by ballot.
2. All direct capital costs necessary to implement secondary recovery operations for the Expansion Area B will be borne by the Working Interest Owners in the Expansion Area B based upon the unit participation listed on the attached Exhibit C-1 at no cost to the existing Unit Area A.
3. Working Interest Owners shall act upon and determine all matters coming before them in accordance with the voting procedure established in Article 4 of the Eunice Monument South Unit Operating Agreement with the following additions:
 - a. For items concerning only Unit Area A, only Working Interest Owners in Unit Area A will vote, with such vote being based on the participation factors applicable to Unit Area A only.
 - b. For items concerning only Expansion Area B, only Working Interest Owners in Expansion Area B will vote, with such vote being based on the participation factors applicable to Expansion Area B only, except that the affirmative vote of three or more Working Interest Owners having a COMBINED voting interest of at least sixty-five percent (65%) shall be utilized in lieu of the four or more Working Interest Owners referenced in 4.3.2.
 - c. For items concerning both Unit Area A and Expansion Area B, all Working Interest Owners in both Areas A and B will vote, with such vote being based on the participation factors applicable to Areas A and B. Weighting of the vote will be as follows:

$$.8276 * (\text{Area "A" Vote}) + .1724 * (\text{Area "B" Vote})$$

$$= \text{Total Unit Vote.}$$
4. Future capital expenditures, as prescribed by the Internal Revenue Service Rules and Regulations then in effect, on the common injection system described above will be proportionately shared with 17.24% allocated to the expansion area and 82.76% allocated to the existing area; with the following exception:

Capital expenditures which benefit only one area (either expansion or existing area) will be borne solely (100%) by the area (either expansion or existing area) which initiated the expenditure. Capital expenditures on the common injection system shall be determined as benefitting solely one area by vote of the working interest owners in the affected area following the voting procedures established in Article 4 of the Unit Operating Agreement.

5. All expense and operating costs for the Unit Expansion Area B that are not related to the common injection system will be maintained separately from the costs and expenses of the existing Unit Area. All expenses and operating costs for the common injection system set forth in number 1 above, shall be calculated on a calendar month basis and will be shared proportionally between the existing Unit Area and the expansion area based on the percentage of monthly injection and monthly water supplied to the existing Unit Area and expansion area for the month so calculated. Monthly operating expenses on the common injection system will be proportioned based on the following direct measurement approach:

Injection Facility Monthly Expenses * $\frac{\text{Monthly Water Injection to an Area}}{\text{Total Monthly Injection to both areas}}$

+ Water Supply Well Monthly Expenses * $\frac{\text{Monthly Water Supply to an Area}}{\text{Total Monthly Water Supplied to both areas}}$

In the event of injection system interruptions, the operator of the common injection system will make every reasonable effort to proportion water to the Unit Area and Expansion Area B based on the injection take during the last month of full water delivery prior to the interruption.

6. Plans of development, AFE's, budgets, and actual development costs for secondary and tertiary recovery operations in Expansion Area B shall be maintained separate from the existing Unit Area.
7. All production from the Expansion Area B shall be held separate from the existing Unit Area and will be accounted for, sold, and allocated back to the tracts within the Expansion Area B based upon the tract participation established for the Expansion Area B and listed in the attached Exhibit B.

This Ratification and Joinder to the Unit Agreement and Unit Operating Agreement for the Eunice Monument South Unit shall be treated as a subsequent joinder under the terms of Section 32 of that certain Unit Agreement for the Eunice Monument South Unit dated June 22, 1984, and recorded in Book 440, beginning at page 607 of the miscellaneous records of Lea County, New Mexico. Said unit became effective on February 1, 1985 as evidenced by the Certificate of Effectiveness dated February 12, 1985 and recorded in Book 442 at page 346 of the miscellaneous records of Lea County, New Mexico.

Notwithstanding the above, as subsequent joinders to the Unit and Unit Operating Agreement for the Eunice Monument South Unit, it is agreed and understood that under Section 24 as modified under Section 39 of the Unit Agreement, the effective date for unitization of Expansion Area B shall be in compliance with the Division's order or supplemental order, and will be a date as mutually agreed upon by the Unit Operator, the Authorized Officer of the BLM, the Land Commissioner, and the Division. The effective date of the unit expansion will be set out in the Certificate of Effectiveness, and filed of record in the miscellaneous records of Lea County, New Mexico. If this Ratification and Joinder and the Unit Agreement do not become effective as to Expansion Area B on or before June 1, 1991, it shall ipso facto expire on said date and thereafter be of no further force or effect. The statutory unitization of Expansion Area B and the inclusion of the same into the Eunice Monument South Unit shall also be in compliance with the terms of Sections 32 and 39 of the Unit Agreement. In a like manner the above referenced effective date for the Unit Expansion Area B shall apply to Articles 10, 11 and 19 of the Unit Operating Agreement for the Eunice Monument South Unit dated June 22, 1984 and recorded in book 440 beginning at page 672 of the miscellaneous records of Lea County, New Mexico. It is agreed and understood that the terms of Exhibits "D" (Insurance), "E" (Accounting Procedure for Joint Operations), "F" (Certificate of Compliance), and "G" (Gas Storage and Balancing Agreement) shall apply equally to all Working Interest Owners in both the original Unit Area and the Expansion Area B as of the effective date of expansion. The overhead rates and charges referenced in Exhibit "E", as applied to the Unit Expansion Area B, shall be the escalated charges currently charged the Working Interest Owners of the existing Unit Area and shall remain concurrent, and identical for both the existing Unit Area and the Expansion Area B.

CORPORATE ROYALTY JOINDER

ROYALTY AND OVERRIDING
ROYALTY INTEREST OWNERS

RATIFICATION AND JOINDER OF THE UNIT AGREEMENT
OF THE EUNICE MONUMENT SOUTH UNIT,
LEA COUNTY, NEW MEXICO

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 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, SUBJECT TO THE TERMS AND CONDITIONS OF THE ADDENDUM ATTACHED HERETO AND MADE A PART HEREOF.

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 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, 1990

GEODYNE NOMINEE CORPORATION

By G. Shell Boudreaux ^{12/14/90}
G. Shell Boudreaux
Senior Vice President -
Chief Operations Officer

Address:

GEODYNE RESOURCES, INC.
320 South Boston Avenue
The Mezzanine
Tulsa, Oklahoma 74103-3708

THE STATE OF §
COUNTY OF §

The foregoing instrument was acknowledged before me this 5th day of December, 1990, by G. Shell Boudreaux, Senior Vice President, for/of Geodyne Resources Inc., a Delaware corporation, on behalf of said corporation.

My Commission Expires:

9-19-91

Pamela S. Williams

ROYALTY AND OVERRIDING ROYALTY
INTEREST OWNERS

ADDENDUM TO RATIFICATION AND JOINDER
OF THE UNIT AGREEMENT OF THE
EUNICE MONUMENT SOUTH UNIT,
LEA COUNTY, NEW MEXICO

It is the intent of the owners of interests executing the Ratification and Joinder attached hereto to approve and join in the expansion of the Eunice Monument South Unit for secondary and/or enhanced recovery operations by addition of Expansion Area B to the existing Unit Area A, described as follows:

Lands Encompassed in Unit Expansion Area B

Township 20 South, Range 36 East, N.M.P.M., Lea County, New Mexico

Section 10: E/2E/2
Section 11: W/2, W/2NE/4, SE/4
Section 13: W/2, S/2SE/4
Section 14: All
Section 15: NE/4NE/4
Section 23: All
Section 24: N/2, SW/4, W/2SE/4

Lands Encompassed in Existing Unit Area A

Township 20 South, Range 36 East, N.M.P.M.

Section 25: All
Section 36: All

Township 20 South, Range 37 East, N.M.P.M.

Section 30: S/2, S/2N/2, NE/4NW/4 and NW/4NE/4
Section 31: All
Section 32: All

Township 21 South, Range 36 East, N.M.P.M.

Section 2: S/2S/2
Section 3: Lots 3, 4, 5, 6, 11, 12, 13, and 14 and S/2
Section 4 through 11: All
Section 12: W/2SW/4
Section 13: NW/4NW/4
Section 14 through 18: All
Section 21: N/2 and N/2S/2
Section 22: N/2 and N/2S/2

The Eunice Monument South Unit Expansion Area B is further outlined on the map attached hereto and made a part hereof, and is described on said map as consisting of tracts #102 through 112. The lands included in Expansion Area B, the parties and each party's percentage of interest, as well as the percentage of Unit Area B's production to be allocated to each tract are shown on Exhibit B attached hereto and made a part hereof.

The parties hereto agree that until such time as the working interest owners of the original Unit Area and the Unit Expansion Area B, as described above, agree to consolidate facilities and operations under the terms of the Unit and Unit Operating Agreement and with the consent of the Authorized Officer, Land Commissioner, and Oil Conservation Division, the parties may operate the original Unit Area (Area A) and the above Unit Expansion Area (Area B) as separate entities.

The Eunice Monument South Unit (EMSU) will be expanded to include Unit Area B under the general terms of Section 4 and Section 14, as modified by the Statutory Unitization Provisions of Section 39, of the Unit Agreement for EMSU.

This Ratification and Joinder to the Unit Agreement for the Eunice Monument South Unit shall be treated as a subsequent joinder under the terms of Section 32 of that certain Unit Agreement for the Eunice Monument South Unit dated June 22, 1984, and recorded in Book 440, at page 607, of the Miscellaneous Records of Lea County, New Mexico. Said unit became effective on February 1, 1985, as evidenced by the Certificate of Effectiveness dated February 12, 1985, and recorded in Book 442 at page 346 of the Miscellaneous Records of Lea County, New Mexico.

Notwithstanding the above, as subsequent joinders to the Unit Agreement for the Eunice Monument South Unit, it is agreed and understood that under Section 24 of the Unit Agreement, the effective date for unitization of expansion Area B shall be in compliance with the Division's orders approving the expansion and as mutually agreed upon by the Unit Operator, the Authorized Officer (A.O.) of the BLM, the Land Commissioner, and the Division; and as set out in the certificate of effectiveness. If this agreement does not become effective as to expansion Area B on or before June 1, 1991, it shall ipso facto expire on said date and thereafter be of no further force or effect. The statutory unitization of expansion Area B and the inclusion of the same into the Eunice Monument South Unit shall also be in compliance with the terms of Sections 32 and 39 of the Unit Agreement.

ROYALTY AND OVERRIDING
ROYALTY INTEREST OWNERS

RATIFICATION AND JOINDER OF THE UNIT AGREEMENT
OF THE EUNICE MONUMENT SOUTH UNIT,
LEA COUNTY, NEW MEXICO

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 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, SUBJECT TO THE TERMS AND CONDITIONS OF THE ADDENDUM ATTACHED HERETO AND MADE A PART HEREOF.

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 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 Nov, 1990

Claradean Gallant
CLARADEAN GALLANT

Address:

CLARADEAN GALLANT
274 DEL MESA CARMEL
CARMEL, CA 93921

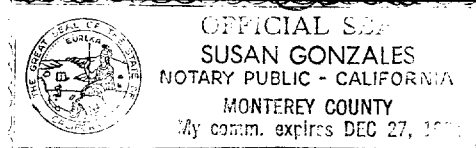
B-036

THE STATE OF California s
COUNTY OF Monterey s

The foregoing instrument was acknowledged before me this 7th day of November, 1990 by Claradean Gallant.

My Commission Expires:

12-27-91



Susan Gonzales

ROYALTY AND OVERRIDING ROYALTY
INTEREST OWNERS

ADDENDUM TO RATIFICATION AND JOINDER
OF THE UNIT AGREEMENT OF THE
EUNICE MONUMENT SOUTH UNIT,
LEA COUNTY, NEW MEXICO

It is the intent of the owners of interests executing the Ratification and Joinder attached hereto to approve and join in the expansion of the Eunice Monument South Unit for secondary and/or enhanced recovery operations by addition of Expansion Area B to the existing Unit Area A, described as follows:

Lands Encompassed in Unit Expansion Area B

Township 20 South, Range 36 East, N.M.P.M., Lea County, New Mexico

Section 10: E/2E/2
Section 11: W/2, W/2NE/4, SE/4
Section 13: W/2, S/2SE/4
Section 14: All
Section 15: NE/4NE/4
Section 23: All
Section 24: N/2, SW/4, W/2SE/4

Lands Encompassed in Existing Unit Area A

Township 20 South, Range 36 East, N.M.P.M.

Section 25: All
Section 36: All

Township 20 South, Range 37 East, N.M.P.M.

Section 30: S/2, S/2N/2, NE/4NW/4 and NW/4NE/4
Section 31: All
Section 32: All

Township 21 South, Range 36 East, N.M.P.M.

Section 2: S/2S/2
Section 3: Lots 3, 4, 5, 6, 11, 12, 13, and 14 and S/2
Section 4 through 11: All
Section 12: W/2SW/4
Section 13: NW/4NW/4
Section 14 through 18: All
Section 21: N/2 and N/2S/2
Section 22: N/2 and N/2S/2

The Eunice Monument South Unit Expansion Area B is further outlined on the map attached hereto and made a part hereof, and is described on said map as consisting of tracts #102 through 112. The lands included in Expansion Area B, the parties and each party's percentage of interest, as well as the percentage of Unit Area B's production to be allocated to each tract are shown on Exhibit B attached hereto and made a part hereof.

The parties hereto agree that until such time as the working interest owners of the original Unit Area and the Unit Expansion Area B, as described above, agree to consolidate facilities and operations under the terms of the Unit and Unit Operating Agreement and with the consent of the Authorized Officer, Land Commissioner, and Oil Conservation Division, the parties may operate the original Unit Area (Area A) and the above Unit Expansion Area (Area B) as separate entities.

The Eunice Monument South Unit (EMSU) will be expanded to include Unit Area B under the general terms of Section 4 and Section 14, as modified by the Statutory Unitization Provisions of Section 39, of the Unit Agreement for EMSU.

This Ratification and Joinder to the Unit Agreement for the Eunice Monument South Unit shall be treated as a subsequent joinder under the terms of Section 32 of that certain Unit Agreement for the Eunice Monument South Unit dated June 22, 1984, and recorded in Book 440, at page 607, of the Miscellaneous Records of Lea County, New Mexico. Said unit became effective on February 1, 1985, as evidenced by the Certificate of Effectiveness dated February 12, 1985, and recorded in Book 442 at page 346 of the Miscellaneous Records of Lea County, New Mexico.

Notwithstanding the above, as subsequent joinders to the Unit Agreement for the Eunice Monument South Unit, it is agreed and understood that under Section 24 of the Unit Agreement, the effective date for unitization of expansion Area B shall be in compliance with the Division's orders approving the expansion and as mutually agreed upon by the Unit Operator, the Authorized Officer (A.O.) of the BLM, the Land Commissioner, and the Division; and as set out in the certificate of effectiveness. If this agreement does not become effective as to expansion Area B on or before June 1, 1991, it shall ipso facto expire on said date and thereafter be of no further force or effect. The statutory unitization of expansion Area B and the inclusion of the same into the Eunice Monument South Unit shall also be in compliance with the terms of Sections 32 and 39 of the Unit Agreement.

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

PAGE NO.: 1
REPORT DATE: 10/24/91
R&JROYSU.FRM/R&JROYIN.QBE

ROYALTY PERCENTAGE WITHIN TRACT		ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 17.5000000%	1 OPERATOR: CON	16.7368100%	95.6389143%	1.1455137%
UNIT TRACT NO: 17.5000000%	2 OPERATOR: CON	16.7159700%	95.5198286%	0.2854559%
UNIT TRACT NO: 23.1250000%	3 OPERATOR: GMD	20.6793500%	89.4242162%	1.0689580%
UNIT TRACT NO: 20.0000000%	4 OPERATOR: TEX	17.8601800%	89.3009000%	1.0674839%
UNIT TRACT NO: 17.5062500%	5 OPERATOR: AHC	16.5438300%	94.5024206%	0.2824154%
UNIT TRACT NO: 22.7343700%	6 OPERATOR: AHC	20.7937000%	91.4637177%	0.2733344%
UNIT TRACT NO: 17.5062500%	7 OPERATOR: AHC	16.5438300%	94.5024206%	0.2824154%
UNIT TRACT NO: 12.5000000%	8 OPERATOR: CHE	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 12.5000000%	9 OPERATOR: TEX	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 12.5000000%	10 OPERATOR: AHC	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 12.5000000%	11 OPERATOR: AHC	12.5000000%	100.0000000%	0.2983447%
UNIT TRACT NO: 12.5000000%	12 OPERATOR: AHC	12.5000000%	100.0000000%	0.2983447%
UNIT TRACT NO: 12.5000000%	13 OPERATOR: CON	12.5000000%	100.0000000%	1.7930680%
UNIT TRACT NO: 12.5000000%	14 OPERATOR: CON	12.5000000%	100.0000000%	0.2887587%
UNIT TRACT NO: 12.5000000%	15 OPERATOR: AHC	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 12.5000000%	16 OPERATOR: SHE	12.5000000%	100.0000000%	0.2983447%

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

PAGE NO.: 2
REPORT DATE: 10/24/91
R&JROYSU.FRM/R&JROYIN.QBE

ROYALTY PERCENTAGE WITHIN TRACT		ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 17	OPERATOR: TEX	12.5000000%	100.0000000%	0.5976893%
12.5000000%				
UNIT TRACT NO: 18	OPERATOR: AHC	12.5000000%	100.0000000%	0.3007872%
12.5000000%				
UNIT TRACT NO: 19	OPERATOR: MOB	12.5000000%	100.0000000%	1.1981430%
12.5000000%				
UNIT TRACT NO: 20	OPERATOR: WIS	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 21	OPERATOR: AHC	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 22	OPERATOR: AHC	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 23	OPERATOR: GRM	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 24	OPERATOR: AHC	12.5000000%	100.0000000%	0.5976893%
12.5000000%				
UNIT TRACT NO: 25	OPERATOR: AHC	12.5000000%	100.0000000%	1.1953737%
12.5000000%				
UNIT TRACT NO: 26	OPERATOR: CHE	12.5000000%	100.0000000%	0.5976893%
12.5000000%				
UNIT TRACT NO: 27	OPERATOR: AHC	12.5000000%	100.0000000%	0.5769196%
12.5000000%				
UNIT TRACT NO: 28	OPERATOR: GRC	12.5000000%	100.0000000%	0.5976893%
12.5000000%				
UNIT TRACT NO: 29	OPERATOR: GRC	12.5000000%	100.0000000%	0.5976893%
12.5000000%				
UNIT TRACT NO: 30	OPERATOR: GRC	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 31	OPERATOR: CHE	12.5000000%	100.0000000%	0.2988447%
12.5000000%				
UNIT TRACT NO: 32	OPERATOR: CHE	12.5000000%	100.0000000%	0.2988447%
12.5000000%				

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

PAGE NO.: 3
REPORT DATE: 10/24/91
R&JROYSU.FRM/R&JROYIN.QBE

ROYALTY PERCENTAGE WITHIN TRACT	ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 33 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 34 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 35 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 36 OPERATOR: OXY 12.5000000%	12.5000000%	100.0000000%	1.1750572%
UNIT TRACT NO: 37 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 38 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 39 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 40 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 41 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 42 OPERATOR: CHE 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 43 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 44 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 45 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 46 OPERATOR: DUR 12.5000000%	12.5000000%	100.0000000%	0.298847%
UNIT TRACT NO: 47 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 48 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	1.1969476%

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
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ROYALTY PERCENTAGE WITHIN TRACT	ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 49 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 50 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 51 OPERATOR: ORY 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 52 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 53 OPERATOR: MAR 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 54 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 55 OPERATOR: SHE 12.5000000%	12.5000000%	100.0000000%	0.3047458%
UNIT TRACT NO: 56 OPERATOR: SHE 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 57 OPERATOR: SHE 12.5000000%	12.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 58 OPERATOR: SHE 12.5000000%	12.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 59 OPERATOR: SHE 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 60 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 61 OPERATOR: COM 12.5000000%	12.5000000%	100.0000000%	1.1755802%
UNIT TRACT NO: 62 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 63 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 64 OPERATOR: TEX 12.5000000%	12.5000000%	100.0000000%	0.5878275%

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ROYALTY PERCENTAGE WITHIN TRACT		ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 65 12.5000000%	OPERATOR: AHC	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 66 12.5000000%	OPERATOR: AHC	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 67 12.5000000%	OPERATOR: AHC	12.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 68 12.5000000%	OPERATOR: TEX	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 69 12.5000000%	OPERATOR: PHI	12.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 70 12.5000000%	OPERATOR: SHE	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 71 12.5000000%	OPERATOR: CHE	12.5000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 72 12.5000000%	OPERATOR: MAR	12.5000000%	100.0000000%	1.1953737%
UNIT TRACT NO: 73 16.6666600%	OPERATOR: WIS	15.7407400%	94.4444778%	0.5644846%
UNIT TRACT NO: 74 12.5000000%	OPERATOR: AHC	12.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 75 14.5000000%	OPERATOR: AHC	14.5000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 76 12.5000000%	OPERATOR: CHE	12.5000000%	100.0000000%	1.1855168%
UNIT TRACT NO: 77 20.0000000%	OPERATOR: AHC	20.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 78 23.4375000%	OPERATOR: AHC	20.0842500%	85.6928000%	0.2560184%
UNIT TRACT NO: 79 12.5000000%	OPERATOR: CHE	8.5841700%	68.6733600%	0.4104533%
UNIT TRACT NO: 80 12.5000000%	OPERATOR: CHE	11.1654000%	89.3232000%	0.5338752%

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
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ROYALTY PERCENTAGE WITHIN TRACT		ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 81 25.0000100%	OPERATOR: AHC	9.5703200%	38.2812647%	0.1107979%
UNIT TRACT NO: 82 12.5000000%	OPERATOR: TEX	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 83 12.5000000%	OPERATOR: TEX	8.4418200%	67.5345600%	0.2018234%
UNIT TRACT NO: 84 12.5000000%	OPERATOR: TEX	8.4418200%	67.5345600%	0.2018234%
UNIT TRACT NO: 85 12.5000000%	OPERATOR: TEX	8.5372100%	68.2976800%	0.6123119%
UNIT TRACT NO: 86 12.5000000%	OPERATOR: ORY	8.1250000%	65.0000000%	0.1942490%
UNIT TRACT NO: 87 12.5000000%	OPERATOR: PHI	10.1844800%	81.4758400%	0.2348424%
UNIT TRACT NO: 88 12.5000000%	OPERATOR: CHE	9.5480300%	76.3842400%	1.5899532%
UNIT TRACT NO: 89 12.5000000%	OPERATOR: TEX	6.3880400%	51.1043200%	0.6108901%
UNIT TRACT NO: 90 19.6940000%	OPERATOR: AHC	6.3199600%	32.0907891%	0.0959016%
UNIT TRACT NO: 91 10.9375000%	OPERATOR: AHC	5.8586300%	53.5646171%	0.6403000%
UNIT TRACT NO: 92 12.5000000%	OPERATOR: TEX	9.2057400%	73.6459200%	0.4401738%
UNIT TRACT NO: 93 12.5000000%	OPERATOR: CHE	8.7294500%	69.8356000%	0.2087000%
UNIT TRACT NO: 94 11.8099000%	OPERATOR: AHC	5.1432400%	43.5502417%	0.1301476%
UNIT TRACT NO: 95 54.6875000%	OPERATOR: AHC	46.6662900%	85.3326446%	0.2550121%
UNIT TRACT NO: 96 12.5000000%	OPERATOR: CHE	4.9479000%	39.5832000%	0.1182523%

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
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ROYALTY PERCENTAGE WITHIN TRACT	ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 97 OPERATOR: TEX 12.5000000%	9.2057400%	73.6459200%	0.4401738%
UNIT TRACT NO: 98 OPERATOR: AHC 12.5000000%	8.7384100%	69.9072800%	0.2089142%
UNIT TRACT NO: 99 OPERATOR: TEX 12.5000000%	5.8593800%	46.8750400%	0.1400836%
UNIT TRACT NO: 100 OPERATOR: CHE 12.5000000%	5.1236000%	40.9888000%	0.3674785%
UNIT TRACT NO: 101 OPERATOR: CHE 12.5000000%	7.5735000%	60.5880000%	0.1810640%
UNIT TRACT NO: 102 OPERATOR: CHE 12.5000000%	7.5735000%	60.5880000%	0.1810640%
UNIT TRACT NO: 103 OPERATOR: AHC 12.5000000%	8.3789000%	67.0312000%	0.2003192%
UNIT TRACT NO: 104 OPERATOR: SHE 12.5000000%	11.2237400%	89.7899200%	0.5366648%
UNIT TRACT NO: 105 OPERATOR: AHC 12.5000000%	9.6676500%	77.3412000%	1.3867803%
UNIT TRACT NO: 106 OPERATOR: ORY 12.5000000%	6.5155000%	52.1240000%	0.9346188%
UNIT TRACT NO: 107 OPERATOR: CHE 12.5000000%	8.7294500%	69.8356000%	0.2087000%
UNIT TRACT NO: 108 OPERATOR: AHC 12.5000000%	10.1662400%	81.3299200%	0.4861003%
UNIT TRACT NO: 109 OPERATOR: AHC 12.5000000%	10.5119300%	84.0954400%	0.9878554%
UNIT TRACT NO: 110 OPERATOR: CHE 12.5000000%	8.1331300%	65.0650400%	0.3888868%
UNIT TRACT NO: 111 OPERATOR: AHC 12.5000000%	8.3178500%	66.5428000%	0.3977192%
UNIT TRACT NO: 112 OPERATOR: AHC 12.5000000%	10.3036000%	82.4288000%	0.9681545%

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UNIT TRACT NO: 113 OPERATOR: CHE 12.5000000%	9.5480300%	76.3842400%	0.6848107%
UNIT TRACT NO: 114 OPERATOR: AHC 12.5000000%	9.6543000%	77.2344000%	0.2308109%
UNIT TRACT NO: 115 OPERATOR: AHC 12.5000000%	8.5040200%	68.0321600%	0.8132419%
UNIT TRACT NO: 116 OPERATOR: TEX 12.5000000%	9.8117800%	78.4942400%	0.2345758%
UNIT TRACT NO: 117 OPERATOR: GMD 11.8227000%	7.9990600%	67.6584875%	0.2021938%
UNIT TRACT NO: 118 OPERATOR: AHC 10.6250000%	7.0742700%	66.5813647%	0.1989749%
UNIT TRACT NO: 119 OPERATOR: COM 23.4375000%	1.2734700%	5.4334720%	0.0162376%
UNIT TRACT NO: 120 OPERATOR: MAR 12.5000000%	5.7674200%	46.1393600%	0.2757700%
UNIT TRACT NO: 121 OPERATOR: CHE 12.5000000%	7.7753300%	62.2026400%	0.3717785%
UNIT TRACT NO: 122 OPERATOR: AHC 12.5000000%	10.9677200%	87.7417600%	0.5244231%
UNIT TRACT NO: 123 OPERATOR: CHE 12.5000000%	5.5832600%	44.6660800%	0.2669644%
UNIT TRACT NO: 124 OPERATOR: AHC 25.0000000%	21.7571000%	87.0284000%	1.5604784%
UNIT TRACT NO: 125 OPERATOR: AHC 12.5000000%	8.4895900%	67.9167200%	0.4059310%
UNIT TRACT NO: 126 OPERATOR: AHC 12.5000000%	5.4687500%	43.7500000%	0.1307445%
UNIT TRACT NO: 127 OPERATOR: AHC 23.4375000%	18.4458600%	78.7023360%	0.4703955%
UNIT TRACT NO: 128 OPERATOR: AHC 18.7500000%	16.6297200%	88.6918400%	0.5301017%

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UNIT TRACT NO: 129 OPERATOR: AHC 12.5000000%	9.6676500%	77.3412000%	0.2329213%
UNIT TRACT NO: 130 OPERATOR: TEX 12.5000000%	7.3208500%	58.5668000%	0.6903375%
UNIT TRACT NO: 131 OPERATOR: AHC 12.4218700%	5.8519000%	47.1096542%	0.5644410%
UNIT TRACT NO: 132 OPERATOR: MAR 12.5000000%	5.7674200%	46.1393600%	0.6913555%
UNIT TRACT NO: 133 OPERATOR: TEX 12.5000000%	9.2054100%	73.6432800%	0.8851578%
UNIT TRACT NO: 135 OPERATOR: ORY 12.5000000%	11.0801200%	88.6409600%	0.2648988%
UNIT TRACT NO: 136 OPERATOR: GRM 12.5000000%	9.8442000%	78.7536000%	0.4707019%
UNIT TRACT NO: 137 OPERATOR: SHE 12.5000000%	7.0959900%	56.7679200%	0.5138211%
UNIT TRACT NO: 138 OPERATOR: SHE 12.5000000%	6.6389700%	53.1117600%	0.1613406%
UNIT TRACT NO: 139 OPERATOR: AHC 12.5000000%	8.1399700%	65.1197600%	0.1980612%
UNIT TRACT NO: 140 OPERATOR: TEX 12.5000000%	10.6950700%	85.5605600%	0.5113363%
UNIT TRACT NO: 141 OPERATOR: AHC 12.5000000%	11.2712900%	90.1703200%	1.3473460%
UNIT TRACT NO: 142 OPERATOR: AHC 18.7500000%	9.8003900%	52.2687467%	0.1562024%
UNIT TRACT NO: 143 OPERATOR: ORY 12.5000000%	11.0801200%	88.6409600%	0.2648988%
UNIT TRACT NO: 144 OPERATOR: AHC 18.7500000%	10.3558700%	55.2313067%	0.3301116%
UNIT TRACT NO: 145 OPERATOR: AHC 12.5000000%	10.0570400%	80.4563200%	0.2449477%

ROYALTY RATIFICATION & JOINDER SUMMARY REPORT
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ROYALTY PERCENTAGE WITHIN TRACT	ROYALTY PERCENTAGE RATIFIED	PERCENTAGE RATIFIED WITHIN TRACT	PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 146 OPERATOR: AHC 18.7500000%	15.9164200%	84.8875733%	0.2585019%
UNIT TRACT NO: 147 OPERATOR: AHC 24.2187500%	13.1527400%	54.3080877%	0.1654616%
UNIT TRACT NO: 148 OPERATOR: AHC 12.5000000%	9.0137000%	72.1096000%	0.2154957%
UNIT TRACT NO: 149 OPERATOR: AHC 18.7500000%	15.9164200%	84.8875733%	0.2536820%
UNIT TRACT NO: 150 OPERATOR: AHC 18.7500000%	9.4697000%	50.5050667%	0.1509317%
UNIT TRACT NO: 151 OPERATOR: AHC 25.1584100%	6.0286500%	23.9627624%	0.0716114%
UNIT TRACT NO: 152 OPERATOR: GRM 12.5000000%	9.8442000%	78.7536000%	0.2353509%
UNIT TRACT NO: 153 OPERATOR: AHC 12.5000000%	12.5000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 154 OPERATOR: MAR 12.5000000%	9.3750000%	75.0000000%	0.8965340%

TOTAL RATIFIED WITHIN UNIT

=====
84.2598569%

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of MAY, 1991.

By: [Signature]
Name: _____
Address: _____
CARL U. SMITH
6506 Oxford Ave.
Lubbock, TX 79463

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF Lubbock } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of MAY, 1991, personally appeared CARL U. SMITH and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public CLAUDE B. LOHSTEIN

My Commission Expires:
2-14-93.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Marjorie D. Bloch
Name: MARJORIE D. BLOCH
Address: 911 Humphrey St.
Jennings, La
70546

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Louisiana)
Parish) SS:
COUNTY OF Jefferson Davis

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Marjorie D. Bloch and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sandra L. Freeland
Notary Public

My Commission Expires:
at death

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: H Robert Word
Name: _____
Address: 3101 E 45th St
Tulsa, OK 74105

By: H Robert Word
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKla
COUNTY OF Jessa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared H. Robert Word and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Ruth C. Spahn
Notary Public

My Commission Expires:
4-24-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Robert E. Durham
Name: _____
Address: _____
Robert E. Durham
P.O. Box 176
Monument, NM 88265

By: Sue Durham
Name: _____
Address: _____
Sue Durham
P.O. Box 176
Monument, NM 88265

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Cherokee) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Robert E. Durham and Sue Durham to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sandra A. Pittman
Notary Public
Sandra A. Pittman

My Commission Expires:
4-29-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Hurley Oil Properties Partnership
G. William Hurley, Managing Partner
By: _____
Name: G. William Hurley
Address: _____
1738 South Poplar St.
Casper, WY 82601

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WYOMING)
COUNTY OF NATRONA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared G. William Hurley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Donna L. Moore
Notary Public

My Commission Expires:
8/22/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

ATTEST:

By: Joseph A. Hogard
Name: Joseph A. Hogard, Ass't. Sec.
Address: 401 S. Boston, 30th Floor
Tulsa, OK 74103-4017

THE J.E. AND L.E. MABEE FOUNDATION, INC.

By: John H. Conway, Jr.
Name: John H. Conway, Jr., Vice Chairman
Address: 401 S. Boston, 30th Floor
Tulsa, OK 74103-4017

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May 1991, personally appeared John H. Conway, Jr.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice Chairman

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Barbara H. Anderson
Notary Public

My Commission Expires:
3/25/95

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Thomas D Dow
Name: THOMAS D DOW
Address: 349 ENDICOTT CT
WALNUT CREEK, CA
94598

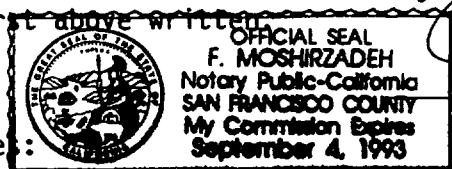
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF SAN FRANCISCO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of MAY, 1991, personally appeared THOMAS D. DOW and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: SEP 4, 1993

F. Moshirzadeh
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: William F. Eddy
Name: _____
Address: _____
1223 Lincoln Avenue
Beloit, WI 53511

By: Barbara Eddy
Name: _____
Address: _____
1223 Lincoln Avenue
Beloit, WI 53511

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wisconsin)
COUNTY OF Rock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared William F. Eddy and Barbara Eddy to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Christopher Kinast
Notary Public
CHRISTOPHER KINAST

My Commission Expires ~~XXXXXX~~
is permanent.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: Ann Calhoun
Name: Ann Calhoun
Address:
Route 1 Box 124
Ninnekah, OK 73067

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Grady) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Ann Calhoun and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Patricia S. Fusco
Notary Public

My Commission Expires:
Jan 10, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

<i>Mildred M. Brown</i> Estate of Wallace C. Brown	
By: <u>Executrix</u>	By: _____
Name: <u>Mildred M. Brown, Executrix</u>	Name: _____
Address: <u>Estate of Wallace C. Brown</u>	Address: _____
<u>3233 N.E. 34th St., Apt. 1208</u>	_____
<u>Ft. Lauderdale, FL 33308</u>	_____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF NC)
COUNTY OF Macon) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Mildred M. Brown, Executrix ~~and~~ of the Estate of Wallace C. Brown to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jeanette R. Talley
Notary Public

My Commission Expires:
10-5-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixer the day and year first above written.

Only returned
one copy
5/28
CR

Notary

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: *Gary Reed*
Name: Gary Reed
Address: P. O. Box 1230
Porterville, Ca. 93258

By: _____
Name: _____
Address: _____


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Tulare) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Gary Reed and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires March 16, 1993

 OFFICIAL SEAL KATHY C. GIDDENS NOTARY PUBLIC-CALIFORNIA TULARE COUNTY My Commission Expires Mar. 16, 1993	<u><i>Kathy C. Giddens</i></u> Notary Public Kathy C. Giddens
--	--

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: <u><i>J. Hugh Holmes</i></u> Name: <u>J. Hugh Holmes</u> Address: <u>Star Rt. Box 457</u> <u>Imnaha, OR 97842</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon)
COUNTY OF Wallowa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared J. Hugh Holmes and no other person to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

M. S. Mott
Notary Public

My Commission Expires: 4-5-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

<u>Helen Lee Hanson</u> Name: <u>HELEN LEE HANSON</u> Address: <u>1515 on the Fairway</u> <u>Y56-B Rydal Park</u> <u>Rydal, Pa 19046</u>	<u>By: (Mildred E. Adair)</u> Name: _____ Address: <u>1515 on the Fairway</u> <u>Y56-B Rydal Park</u> <u>Rydal, PA 19046</u>
--	--

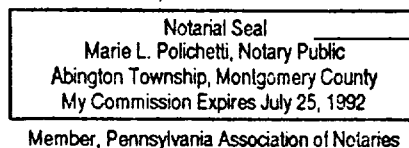
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF PENNSYLVANIA)
COUNTY OF MONTGOMERY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of MAY, 1991, personally appeared MILDRED E ADAIR and HELEN LEE HANSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



Marie L. Polichetti
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Jean Ache Ladner
Name: _____
Address: _____
JEAN Ache Ladner
2911 E. 26th Pl.
Tulsa, Okla.
74114

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

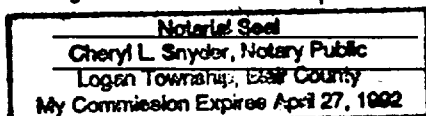
STATE OF LA)
COUNTY OF Blain) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Jean Ache Ladner and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Cheryl L. Snyder
Notary Public

My Commission Expires:



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Lila Rene Finley
Name: Lila Rene Finley
Address: 3359 California Ave
El Monte, CA 91731

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Los Angeles) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Lila Rene Finley and *** to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that s/he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Cindy Kovach
Notary Public

My Commission Expires: Nov. 15, 1993



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

HERMAN R. CRILE, SR. REVOCABLE

By: _____
Name: _____
Address: _____

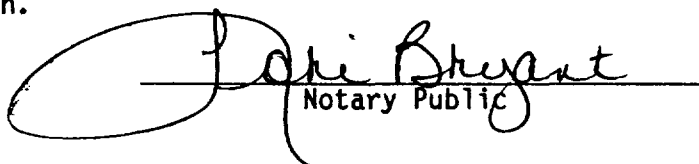
By: E. Bernard Johnston, TRUST
Name: Trustee
Address: P.O. Box 864
ROSWELL N.M. 88202
ID# 85-6081999

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO
COUNTY OF CHAVES } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared E. Bernard Johnston, Trustee and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:
01-02-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: *Bradley Gaylord*
Name: _____
Address: BRADLEY GAYLORD
865 S. Steele St.
Denver CO 80209

By: *Angela C. Gaylord*
Name: _____
Address: Angela C Gaylord
Same

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colo. }
COUNTY OF Denver } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Bradley Gaylord and Angela C Gaylord to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that ~~they~~ executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
1-12-95

Corinna K. Stomberg
Notary Public
FIRST FEDERAL SAVINGS BANK
750 SO. UNIVERSITY BLVD.
DENVER, COLORADO 80209

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

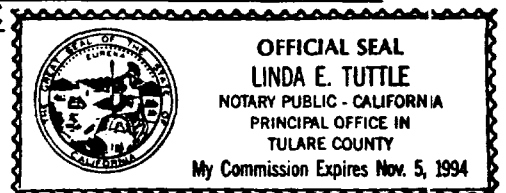
Candice Ramsey
ATTORNEY IN FACT

By: FOR MARGUERITE LAUGHLIN
Name: CANDICE RAMSEY
Address: FOR MARGUERITE LAUGHLIN
7245 AVE 308
VISALIA CA
93291

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA }
COUNTY OF Tulare } SS:



FOR Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared CANDICE RAMSEY ATTORNEY IN FACT and MARGUERITE LAUGHLIN to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Linda E. Tuttle
Notary Public

My Commission Expires:
November 5, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Teddy Lowe Hartley
Name: TEDDY LOWE HARTLEY
Address:

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CURRY) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 23rd day of May, 1991, personally appeared Teddy Lowe Hartley
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as his free and voluntary act and deed for the uses and
purposes therein set forth.

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

Karen P. Hui
Notary Public

My Commission Expires:
4/27/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: Vora L. Hartley
Name: Vora L. Hartley
Address:
1104 Colonial Parkway
Clovis, NM 88101

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF CURRY } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Vora L. Hartley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~their~~ ^{her} free and voluntary act and deed for the uses and purposes therein set forth.

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

Karen A. Hei
Notary Public

My Commission Expires:
4/27/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: R. Louise Nichols
Name: R. Louise Nichols
Address: 1900 N. 20th St. Apt. 906
Kansas City
Kansas 66102

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Kansas)
COUNTY OF Wyandotte) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared R. Louise Nichols and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

KATHRYN C. BROUGHAM
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Expires 4-13-94

Kathryn C Brougham
Notary Public

My Commission Expires: 4-13-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Robert T. Hartley
Name: Robert T. Hartley
Address:
P. O. Box 1407
Clovis, New Mexico 88101

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CURRY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Robert T. Hartley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as ~~their~~ ^{his} free and voluntary act and deed for the uses and purposes therein set forth.

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

Karen S. Hill
Notary Public

My Commission Expires:
4/27/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: James M. Huffer
Name: James M. Huffer
Address: 3968 Plymouth Circle
Madison, Wis. 53705
3968 Plymouth Circle
Madison, Wis. 53705

By: Leonette M. Huffer
Name: Leonette M. Huffer
Address: 3968 Plymouth Circle
Madison, Wis. 53705
3968 Plymouth Circle
Madison, Wis. 53705

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wisconsin
COUNTY OF Dane } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared James M. Huffer and Leonette M. Huffer to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Lee Anderson
Notary Public

My Commission Expires:
6-2-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Tom E. Reed
Name: _____
Address: _____
TOM E. REED
2709 LANDERSHIRE
214-495-8202
GARLAND, TEXAS 75042

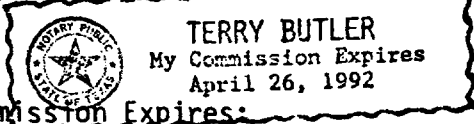
By: Alma Reed
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared TOM E. REED and ALMA REED to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Terry Butler
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day May, 1991.

By: _____
Name: _____
Address: _____

By: J. H. Herd
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF Midland) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of MAY, 1991, personally appeared J. H. HERD and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



O. G. Lanier, Jr.

My Commission Expires

O. G. Lanier Jr.
Notary Public

1-30-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: 

Name: Joy R. Ponder

Address:

1209 Berkeley Drive
Richardson, Texas 75081

By: 

Name: William N. Ponder

Address:

1209 Berkeley Drive
Richardson, Texas 75081

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Joy R. Ponder and William N. Ponder to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:
10/15/94



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Orville K. Rosengren
Name: _____
Address: 5200 N. Dixie, Apt 501
West Palm Beach, FL 33407

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Palm Beach } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared ORVILLE K. ROSENGREN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Kelma J. Ford
Notary Public

My Commission Expires: _____
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. APR. 29, 1994
BONDED THRU GENERAL INS. UND.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of MAY, 1991.

By: 

Name:

Address:

GARY E OGDEN

5309 NW 58TH TER

KANSAS CITY MO 64151

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Missouri }
COUNTY OF Jackson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of MAY, 1991, personally appeared GARY E OGDEN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:

April 19, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: *Earl Reed*
Name: Earl Reed
Address: P. O. Box 1230
Porterville, Ca. 93258

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Tulare) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Earl Reed and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires March 16, 1993

OFFICIAL SEAL
KATHY C. GIDDENS
NOTARY PUBLIC-CALIFORNIA
TULARE COUNTY
My Commission Expires Mar. 16, 1993

Kathy C. Giddens
Notary Public Kathy C. Giddens

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of MAY, 1991.

By: Mary Helen Hudson Trustee
Name: MARY HELEN HUDSON TRUST
Address: " " TRUSTEE

By: _____
Name: _____
Address: _____

P.O. Box 27465
SAN DIEGO, CA. 92198-4465

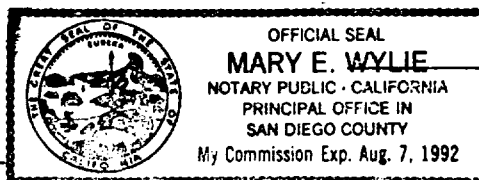
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of MAY, 1991, personally appeared MARY HELEN HUDSON and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 8-7-92



Mary E. Wylie
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of MAY, 1991.

By: _____
Name: _____
Address: _____
BY: _____
ASSY. SECRETARY

F & M BANK AND TRUST CO., AS TRUSTEE
By: _____ OF LINDA M. WILSON TRU.
Name: _____
Address: _____ BY: _____
DEAN DAY, Senior Vice President
P.O. Box 3681
TULSA, OK 74101

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLA }
COUNTY OF TULSA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of MAY, 1991, personally appeared _____
DEAN DAY, Senior Vice President F & M BANK AND TRUST CO.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its SENIOR VICE PRESIDENT

and acknowledged to me that H/R executed the same as H/S free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Kathy L. Wilson
Notary Public

My Commission Expires: 2-3-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: Robert de F. Witt
Name:
Address:
2710 Cibola Drive
Colorado Springs
Colorado 80917

By: Dora Elizabeth Schnurr Witt
Name:
Address:
2710 Cibola Dr.
Colorado Springs
Colorado 80917

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO)
COUNTY OF El Paso) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Robert de F. Witt and Dora Elizabeth Schnurr Witt to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dorothy Rightmire
Notary Public

My Commission Expires My Commission Expires November 1, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: _____
Name: _____
Address: _____

By: Martin H. Thompson
Name: Martin H. Thompson
Address: _____
Martin H. Thompson
P. O. Box 12310
Odessa, Texas 79768-2310

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF ECTOR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared MARTIN H. THOMPSON and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



OFFICIAL SEAL
EDITH HILLIARD
NOTARY PUBLIC
STATE OF TEXAS

My Comm. Expires February 1, 1992

Edith Hilliard
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: Robin Wilson Moore
Name: ROBIN WILSON MOORE
Address: 3725 GRANADA
Dallas, TX 75205

By: _____
Name: _____
Address: _____


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared ROBIN WILSON MOORE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 9/7/94



ALLISON T. HEATH
Notary Public, State of Texas
My Comm. Expires 9/7/94

Allison T. Heath
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Philip A & Virginia Carpenter Trust B #030-3011450

By: Ed DiRe
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____
COUNTY OF _____

Before me, the under
on this _____ day of _____
and _____
executed the within and
executed the same as t
purposes therein set fort

IN WITNESS WHEREOF I
the day and year first ab

This R+J Ratifies

OP	T#	DBF#
AHC	78	3226
AHC	124	4149
AHC	127	4300
AHC	128	3958

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas
COUNTY OF Tarrant

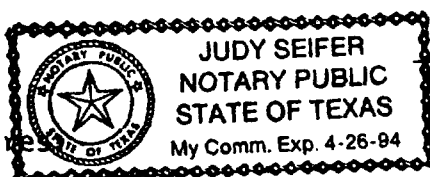
SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 20th day of May 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof
to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act
and deed and as the free and voluntary act and deed of such corporation, for the
uses and purposes therein set forth.

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



Judy Seifer
Notary Public

My Commission Expires
04-26-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Jane Ellen Moore
Name: Jane Ellen Moore
Address:
P. O. Box 3389
Sherman, TX 75091

By: Tom B. Moore
Name: Tom B. Moore
Address:
P. O. Box 3389
Sherman, TX 75091

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF GRAYSON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Jane Ellen Moore and Tom B. Moore to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

NOTARY PUBLIC
COUNTY OF GRAYSON, TEXAS
My Commission Expires:
4-20-93

Norma Farrek
Notary Public

NORMA FARREK
Notary Public in and for
Grayson County, Texas

My commission expires 4-20-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: <u>Arthur T. Schwertfeger Sr.</u> Name: _____ Address: <u>1618 Marietta St.</u> <u>Seaside, Ca 93955</u>	By: <u>Marjorie Schwertfeger</u> Name: <u>MARJORIE SCHWERTFEGER</u> Address: <u>1618 MARIETTA ST</u> <u>SEASIDE CA 93955</u>
---	---

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

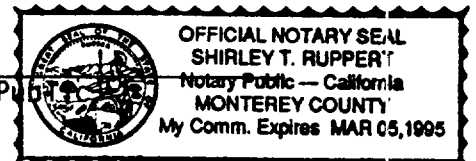
STATE OF California)
COUNTY OF Monterey) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Arthur T. Schwertfeger Sr. and Marjorie Schwertfeger ~~to me known~~ ^{**} to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth. ^{**=} proved to me on the basis of satisfactory evidence

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

Shirley T. Ruppert

Notary Public



My Commission Expires:
March 5, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Donald L. Jones Trust #520-10643526

By: *Ed DiRe*
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

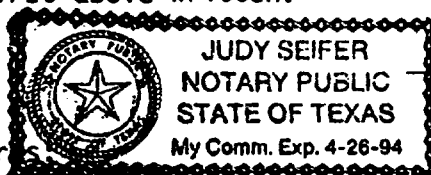
STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



Judy Seifer
Notary Public

My Commission Expires
04-26-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Kelso R. Land Trust #4149

By: Ed DiRe
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

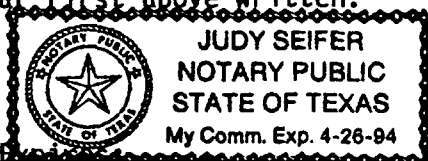
STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



Judy Seifer
Notary Public

My Commission Expires
04-26-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Cantey, Hanger, et al - Mooers Trust #1311

By: *Ed DiRe*
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

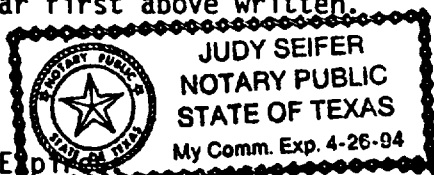
STATE OF Texas }
COUNTY OF Tarrant } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires
04-26-94

Judy Seifer
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

Lottie D. Jones Trust #520-10643559

By: Ed DiRe
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

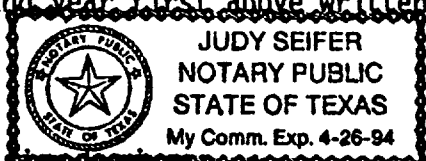
STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires: _____
04-26-94

Judy Seifer
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: _____
Name: _____

Address: _____

VIVIAN LOWE ANSELM

1500 Broadway, Suite 1230

Lubbock, Texas 79401

By: _____

Name: _____

Address: _____

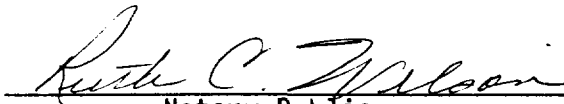
**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF TEXAS)
COUNTY OF LUBBOCK)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Coy S. Lowe and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:
6/22/93

Ruth C. Wilson

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21ST day of May, 1991.

By: Helen R Augusta
Name: Helen R. Augusta
Address:
31 Cherry Hill St.
West Newbury, MA 01985

By: George V Augusta
Name: George V. Augusta
Address:
31 Cherry Hill St.
West Newbury, MA 01985

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MASS)
COUNTY OF ESSEX) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21ST day of MAY, 1991, personally appeared HELEN R. AUGUSTA and GEORGE V. AUGUSTA to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Norman H. Hobbs
Notary Public

My Commission Expires:
8-31-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22ND day of MAY, 1991.

By: Connie O. Oberholtzer
Name:

Address:

CONNIE OBERHOLTZER

P.O. BOX 760

PAONIA, CO 81428

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO)
COUNTY OF DELTA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22ND day of MAY, 1991, personally appeared CONNIE OBERHOLTZER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Michelle Kraai
Notary Public

My Commission Expires:
4-25-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: *James A. Winne, III*
Name: James A. Winne, III
Address: Vice President- Land
North Central Oil Corporation
6001 Savoy, Suite 600
Houston, Texas 77036

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

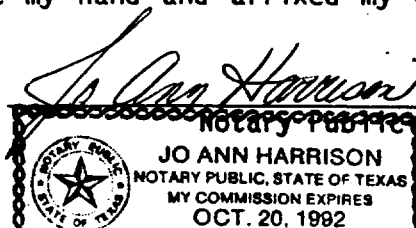
Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May 1991, personally appeared _____
James A. Winne, III

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

My Commission Expires: _____



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: Marjorie B West
Name: _____
Address: _____
MARJORIE B. WEST
501 W. INWOOD
WICHITA FALLS, TEXAS 76701

By: _____
Name: _____
Address: _____

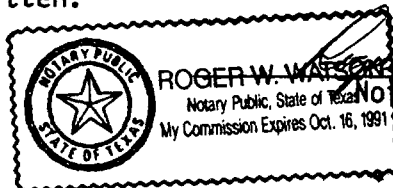
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Wichita) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Marjorie B. West and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 10/16/91



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

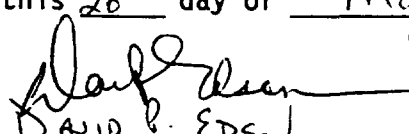
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 20th day of May, 1991.

By: 
Name: DAVID P. EDSON
Address:

2590 MODAC TRAIL
MAITLAND, FL 32751

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Orange } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared David P. Edson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: Jan 16, 1995.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: John Nickson Beers
Name: _____
Address: _____

IN BEERS
20579 MISSIONARY RIDGE
WALNUT, CA 91789

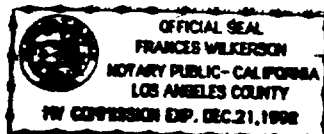
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Los Angeles) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared John Nickson Beers and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
December 21, 1992



Frances Wilkerson
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

FRANK O. Elliott d/w

Elliott Oil Co.

By: [Signature]

Name: [Signature]

Address: [Signature]

P.O. Box 1355

Roswell NM

88202

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Frank O. Elliott and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:

12/23/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Shara Conine
Name: _____
Address: _____
Shara Conine
405 Oak Forest Circle
Waco, Tx 76712

By: John Conine
Name: _____
Address: _____
John Conine
425 Oak Forest Circle
Waco, TX 76712


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF McLennan } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared John Conine and Shara Conine to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 9/1/91



Janice Kana
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of MAY, 1991.

By: V. Alan Ratliff
Name: V. ALAN RATLIFF - PRESIDENT
Address:

Woodbine Financial Corporation
P.O. BOX 52296
TULSA, OK 74152
AHC OWN # 00355

By: ATTEST: J. F. Ratliff
Name:

Address: JO F. RATLIFF - CORPORATE SECRETARY

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May 1991, personally appeared
V. Alan Ratliff

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Carol E. Lusk
Notary Public

My Commission Expires:
6-7-93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

JULIAN W. GLASS, JR.

By: _____
Name: _____
Address: _____

By: James A. Arnold
Name: James A. Arnold, Attorney in Fact
Address: _____
P.O. Box 587
Nowata, Oklahoma 74048

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF NOWATA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared James A. Arnold, Attorney in Fact and for Julian W. Glass, Jr. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Paris Miller
Notary Public

My Commission Expires:
April 22, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

JULIAN W. GLASS, JR.

By: _____
Name: _____
Address: _____

By: James A. Arnold
Name: James A. Arnold, Attorney in Fact
Address: _____
P.O. Box 587
Nowata, Oklahoma 74048

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF NOWATA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared James A. Arnold, Attorney in Fact and for Julian W. Glass, Jr. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Doris Miller
Notary Public

My Commission Expires:
April 22, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 19 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Sue Saunders Graham
Name: _____
Address: _____
Sue SAUNDERS GRAHAM
P.O. Box 987
Roswell, New Mexico 88202

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 19 day of May, 1991, personally appeared Sue Saunders Graham and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Margaret G. Sanders
Notary Public

My Commission Expires:
May 31, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
END THE NORTH MONUMENT CLAIMING

TRAVERS 115 & 116 ONLY

In consideration of the purchase and Operation of the State of New Mexico Bureau of Land Management and interest owner Agreement, as follows:

This Ratification of interests in a land held or which is unitized and substituted by the undersigned may

This Ratification of interests in a land held or which is unitized and substituted by the undersigned may

development of Lea, New Mexico, United States of America, royalty and Unit Agreement.

signed's interests in which the

ed, its

EXECUTED this 20 day of May, 1991.

Owner No. 21092

By: H. M. Drake

Name:

Address:

7302 Ave X

Lubbock, TX 79423

By:

Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF Lubbock)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared H. M. Drake and to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



JUNE SHARP
Notary Public, State of Texas
My Commission Expires 7-19-93

Notary Public

My Commission Expires:
7-19-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF)
COUNTY OF)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that executed the same as free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: <u>Leland L. Fellows</u>	By: _____
Name: Leland L. Fellows, Trustee	Name: _____
Address: L.T. Lewis Estate	Address: _____
_____	_____
P.O. Box 1738	_____
Roswell, N.M. 88202-1738	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Leland L. Fellows to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

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

Reece Blake
Notary Public

My Commission Expires:
7-20-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

_____ and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991

Gloria Schellinger
GLORIA SCHELLINGER

Carl A. Schellinger
CARL A. SCHELLINGER
P. O. Box 447
Roswell, NM 88202

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF CHAVES } SS.

The foregoing instrument was acknowledged before me this 17th day of May, 1991, by CARL A. SCHELLINGER and GLORIA SCHELLINGER, husband and wife.

Cara L. Olsen
Notary Public

My Commission Expires:
5/10/94

Needs to be
Recorded:
~~115 & 116~~ Tracts
115 & 116
3

(CORPORAT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

ecutor

By: Dorothy J. Sparger
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

ESTATE OF DOROTHY J. SPARGER
P.O. BOX 1112
HOBBS N.M. 88241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.M.)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Dorothy J. Sparger and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Larry R. Rountree
Notary Public

My Commission Expires:
7-30-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

NCNB TEXAS NATIONAL BANK

By: Sharon G. Gibbs and By: Patricia Ann Cox
Name: Sharon G. Gibbs, Trust Officer Name: Patricia Ann Cox, Vice President
Address: Address:
AGENT FOR METHODIST HOME, A TEXAS NON-PROFIT CORPORATION #214-0913200
Tax ID #74-1109750

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF DALLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of MAY, 1991, personally appeared SHARON G. GIBBS TRUST OFFICER & PATRICIA ANN COX VICE PRESIDENT OF NCNB TEXAS NATIONAL BANK to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



ELISA PIROZZO
NOTARY PUBLIC
STATE OF TEXAS

My Comm. Expires 8-19-92

Elisa Pirozzo
Notary Public

My Commission Expires: 8-19-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

Judith Witten Trust Robert Witten & Frederic S. Nathan Trustees

By: [Signature]
Name: Robert Witten
Address:

535 E. 86th St.
New York, N.Y. 10028

By: [Signature]
Name: Frederic S. Nathan
Address: C/O Witten

535 E. 86th St.
New York, N.Y. 10028

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York }
COUNTY OF Queens } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Robert Witten and Frederic S. Nathan to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Marianna Sorshek
MARIANNA SORSHEK Notary Public
Notary Public, State of New York
No. 41-4957584
Qualified in Queens County
Commission Expires October 16, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27th day of May, 1991.

By: Mary Jane Andrews
Name: _____
Address: 3908 Lexington Dr.
Albuquerque, N.M.
71303

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Louisiana)
COUNTY OF Rapides)

SS: 456-50-1905

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of May, 1991, personally appeared Mary Jane Andrews and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Gwendolyn Mays
Notary Public

My Commission Expires:
At death

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: Nolan H. Brunson, Jr.
Name: Nolan H. Brunson, Jr.
Address:

P.O. Box 1039
Hobbs, NM 88240

By: Jacquelyn P. Brunson
Name: Jacquelyn P. Brunson
Address:

P.O. Box 1039
Hobbs, NM 88240

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Nolan H. Brunson, Jr. and Jacquelyn P. Brunson to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Donna Sharp
Notary Public

My Commission Expires:
May 5, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

1
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Kay Lynn Simer

Name:

Address:

Kay Lynn Simer
2109 Bullock
Artesia, N.M. 88210

By: William E. Simer

Name:

Address:

William E. Simer
2109 Bullock
Artesia, NM 88210

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Eddy)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Kay Lynn Simer and William E. Simer to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jacquelyn Sanderson
Notary Public

My Commission Expires:
2/11/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: James S. Hughes
Name: _____
Address: James S. Hughes
P.O. Box 158
Roswell, NM 88201

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Chaves) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared James S. Hughes and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Shirley J. West
Notary Public

My Commission Expires:
February 27, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: Richard L. Hughes
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

Richard L. Hughes
6420 OLD DEXTER HWY.
DEXTER New Mexico 88230

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Chaves) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Richard L. Hughes and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Shirley J. Hard
Notary Public

My Commission Expires:
February 27, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of MAY, 1991.

By: [Signature]
Name: _____
Address: G. E. OBERHOLTZER
P.O. Box 188
MARBLE FALLS, TX
78654

By: [Signature]
Name: _____
Address: MARJORIE J. OBERHOLTZER
P.O. Box 188
MARBLE FALLS, TX 78654

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO)
COUNTY OF GARFIELD) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: April 1, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29 day of May, 1991.

By: <u>Mary E. Milbourn</u> Name: <u>Mary E. Milbourn, President</u> Address: <u>LOMA, INC.</u> <u>P O Box 52009</u> <u>Tulsa OK 74152</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of May, 1991, personally appeared _____
Mary E. Milbourn

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

James A. Spear
Notary Public

My Commission Expires: _____

My Commission expires August 1, 1991

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: <u>Lawrence C. Taylor</u> Name: _____ Address: <u>P.O. Box 162</u> <u>MORRISTOWN, N. 37814</u>	By: <u>Joyce A. Taylor</u> Name: _____ Address: <u>SAME</u>
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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Tennessee }
COUNTY OF Cooke } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Joyce Taylor and Lawrence Taylor to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sandra K. Parks
Notary Public

My Commission Expires:
2/16/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

Elizabeth Witten Trust Robert Witten & Frederic S. Nathan Trustees

By: [Signature]
Name: Robert Witten
Address:

535 E. 86th St.
New York, N.Y. 10028

By: [Signature]
Name: Frederic S. Nathan
Address:

C/O Witten
535 E. 86th St.
New York, N.Y. 10028

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York)
COUNTY OF Queens) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of MAY, 1991, personally appeared Robert Witten and Frederic S. Nathan to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:

MARIANNA SORSHEK
Notary Public, State of New York
No. 41-4957584
Qualified in Queens County
Commission Expires October 16, 1991

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of May, 1991.

By: Muriel Butler
Name:

Address:

Muriel Butler
1936 Noble Ave.
Springfield, IL 62704

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

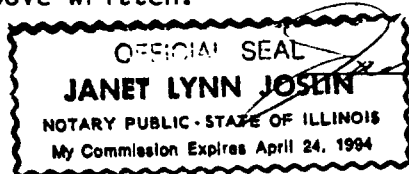
STATE OF Illinois)
COUNTY OF Springfield) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25 day of May, 1991, personally appeared Muriel Butler and N/A to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:

April 24, 1994



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

ESTATE OF ELIZABETH G. WILLIAMS, DECEASED

By: Howard Gilbert Executor By: _____
Name: Howard Gilbert Independent / Name: _____
Address: c/o O. V. Scott, Esq. Address: _____
P. O. Box 1499 _____
Lubbock, TX 79408-1499 _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Cameron) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Howard Gilbert and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 6/30/92



PATTY CANTU
Notary Public State of Texas
Commission Expires 06-30-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF CAMERON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Howard Gilbert, Independent Executor of the Estate of Elizabeth G. Williams, Deceased to me known to be the identical person who subscribed ~~the name of the maker thereof~~ his to the foregoing instrument as ~~xxx~~ the Independent Executor of the Estate of Elizabeth G. Williams and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such ~~corporation~~ estate, for the uses and purposes therein set forth.

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



PATTY CANTU
Notary Public State of Texas
Commission Expires 06-30-92

My Commission Expires: 6/30/92

Patty Cantu
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of MAY, 1991.

Mailing address 721 Central Ave It Falls 59401
By: John W. Phillips
Name: JOHN W. PHILLIPS
Address: 2204 12th St.
It Falls
MT 59401

By: Victoria Phillips
Name: Victoria Phillips
Address: 2204 12th St So
It Falls
MT 59401

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Montana }
COUNTY OF Cascade } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared John Phillips and Victoria Phillips to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Barbara L. Moore
Notary Public
Great Falls, Montana

My Commission Expires:
7-29-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28TH day of MAY, 1991.

By: Floyd Phillips
Name: _____
Address: _____
FLOYD PHILLIPS
3003 ROBERTS
VERNON, TX. 76384

By: Bonnie Phillips
Name: _____
Address: _____
BONNIE PHILLIPS
3003 ROBERTS
VERNON, TX. 76384

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF WILBARGER) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28TH day of MAY, 1991, personally appeared FLOYD PHILLIPS and BONNIE PHILLIPS to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Elizabeth G. Grogan
Notary Public

My Commission Expires:
09-30-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.
John H. Dalton, Jr.,

By: [Signature]
Name: James R. Frazier, AIF
Address:
P.O. Box 850495
Yukon, OK 73085-0495
SS# 440-14-8223

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Canadian) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared James R. Frazier, AIF and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
5-19-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: Blanche D. Martin
Name: Blanche D. Martin
Address: 4665 S. Lakehurst Way
Littleton, CO 80127

By: James M. Martin
Name: James M. Martin
Address: 4665 S. Lakehurst Way
Littleton, CO 80127

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado }
COUNTY OF Arapahoe } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of May, 1991, personally appeared Blanche D. Martin and James M. Martin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary L. Dietel
Notary Public

My Commission Expires:
Dec. 31, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.
Dora Dalton Williams,

By: [Signature]
Name: James R. Frazier, AIF
Address:
P.O. Box 850495
Yukon, OK 73085-0495
SS# 442-22-2783

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Canadian) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared James R. Frazier, AIF and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
5-19-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By:

Name:

Address:

Joseph L. Daws
645 ROCHELLE DR
NASHVILLE, TN 37220

By:

Name:

Address:

Roberta C. Daws
645 Rochelle Dr.
Nashville, TN 37220

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF

Tennessee

COUNTY OF

Davidson

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Joseph L. Daws and Roberta C. Daws to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

William L. Upde
Notary Public

My Commission Expires:

My Commission Expires May 23, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF

COUNTY OF

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Linda K. Armstrong
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

Secretary ~~GLD ENTERPRISES, INC.~~
~~P.O. Box 1112~~
~~Hobbs, New Mexico 88240~~

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.M.)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Linda K. Armstrong and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jaye Rasmussen
Notary Public

My Commission Expires:
7-30-1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

TIFI ION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of MAY, 1991.

By: James R Phillips
Name: _____
Address: _____
JAMES PHILLIPS
2305 INGLESIDE
GRAND PRAIRIE, TX
75050

By: Roycerene H. Phillips
Name: _____
Address: _____
Roycerene H. Phillips
2305 INGLESIDE
GRAND PRAIRIE, TX
75050

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared James Phillips and Roycerene H. Phillips to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sharon D. Guffie
Notary Public

My Commission Expires:
12-21-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

KEOHANE, INC.

✓ By: Marianne K. Frost
Name: Marianne K. Frost, President
Address: P. O. Box 1120
Roswell, New Mexico 88202-1120

ATTEST

By: Cheryl Ringheimer
Name: Cheryl Ringheimer, Secretary
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF WASHINGTON }
COUNTY OF KING } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of MAY, 1991, personally appeared
MARIANNE K. FROST

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:
1-22-95

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20TH day of MAY, 1991.

By: <u>Patricia Paxton Edwards</u> Name: _____ Address: <u>PATRICIA PAXTON EDWARDS</u> <u>24300 N. BIRCH LN.</u> <u>GURNEE, IL. 60031</u>	By: _____ Name: _____ Address: _____ _____ _____
---	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois }
COUNTY OF Lake } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
11-14-92

x Sheryl Saunders

Notary Public
"OFFICIAL SEAL"
SHERYL SAUNDERS
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 11-14-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of MAY, 1991.

By:

Name:

Address:

GLORIA J. KNAPP
3720 MILLIKIN AVE
SAN DIEGO CA 92122

By:

Name:

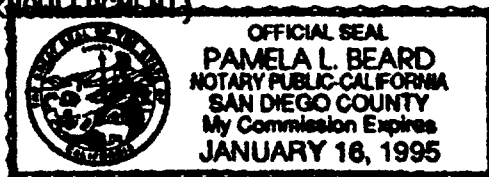
Address:

LELAND M. KNAPP
3720 MILLIKIN AVE
SAN DIEGO CA 92122

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO)

SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of MAY, 1991, personally appeared GLORIA J. KNAPP and LELAND M. KNAPP to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Pamela L. Beard
Notary Public

My Commission Expires:
JANUARY 16, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of MAY, 1991.

By: Philip J. Willis
Name: _____
Address: _____
PHILIP J. WILLIS
1191 NORTH MAIN RD.
JAMESTOWN RI 02835

By: Norma B. Willis
Name: _____
Address: _____
Norma B. Willis
1191 North Main Rd
Jamestown, R.I. 02835

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF RI }
COUNTY OF Newport } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of MAY, 1991, personally appeared NORMA B. WILLIS and Philip J. Willis to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Denise Jennings
Notary Public
Denise Jennings

My Commission Expires:
6/30/1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

By:

Name:

Jimmy J. Hooper
Address: SS # 525-18-5383

By:

Name:

Address:

Jimmy J. Hooper
P.O. Box 812
Moswell, NM

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico

SS:

COUNTY OF Chaves

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Jimmy J. Hooper and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Gloria A. Archuleta
Notary Public

My Commission Expires:

March 31, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

SS:

COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: 

Name: _____

Address: _____

Jerry L. Hooper

P.O. Box 2126

Roswell, NM 88202

SS#525-66-2427

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico

COUNTY OF Chaves

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Jerry L. Hooper and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires:

March 31, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: James D. Laughlin
Name:

Address:

James D. Laughlin

444 West Wilson

Coolidge, Arizona, 85228

By: Wanda L. Laughlin
Name:

Address:

Wanda L. Laughlin

444 West Wilson

Coolidge, Arizona, 85228

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

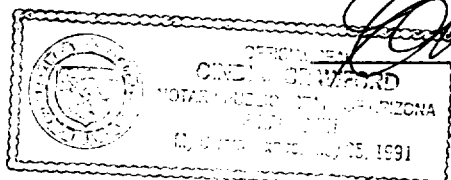
STATE OF Arizona)
COUNTY OF Pinal)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared James D. Laughlin and Wanda L. Laughlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
5/25/91



Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

ATTEST:

ROYALTY HOLDING COMPANY

By: Barbara Foley
Name: Barbara Foley, Secretary
Address: _____

By: Frank R. Fox
Name: Frank R. Fox, President
Address: _____
3535 N. W. 58th Suite 720
Oklahoma City, Oklahoma 73112

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared

Frank R. Fox

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Gloria P. Criser
Notary Public

My Commission Expires:
October 17, 1991

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: Lorraine Hyde
Name: LORAIN HYDE
Address: 213 NORTH 31ST ST
DUNCAN OK 73533-2439

By: Walter E. Hyde
Name: WALTER E. HYDE
Address: 213 NORTH 31ST ST
DUNCAN OK 73533

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma SS:
COUNTY OF Stephens

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Lorraine Hyde and Walter E. Hyde to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary Dossy
Notary Public

My Commission Expires:
4-12-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Leland H. Miller
Name: Leland H. Miller
Address:
Rt. 2, Box 180
Fayetteville, Texas 78940

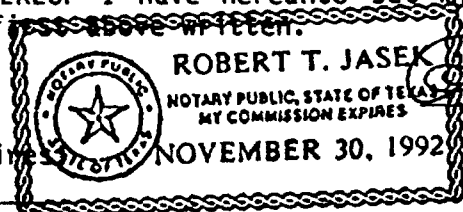
By: Bernice E. Miller
Name: Bernice E. Miller
Address:
Rt. 2, Box 180
Fayetteville, Texas 78940

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Fayette) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Leland H. Miller and Bernice E. Miller to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires
November 30, 1992

Robert T. Jasek
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of MAY, 1991.

By: [Signature]

Name: [Signature]

Address: [Signature]

P.O. Box 400
Roswell, New Mexico 88202-0400

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Chaves)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Robert J. Leonard and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
11-16-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: _____

Name: Philip R. Grant, Jr.

Address: _____

1101 Rocky Point Ct., NE

Albuquerque, NM 87123

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)

COUNTY OF Beranalillo)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Philip R. Grant, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Quila Chavez
Notary Public

My Commission Expires: _____

4-4-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)

COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: H. Pauline Paine
Name: H. Pauline Paine
Address:

1314 Juniper
Lewisville, Tx 75067

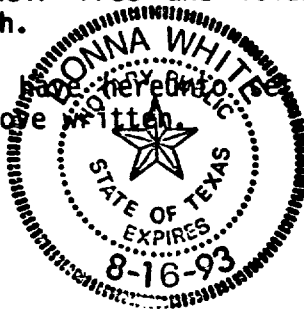
By: Clarence W. Paine
Name: Clarence W. Paine, Spouse
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF Denton } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared H. Pauline Paine and Clarence W. Paine to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Donna White
Notary Public

My Commission Expires:
8/16/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Norma W. Brady
Name: Norma W. Brady
Address: 210 First Nat Bank
PO Box 2001
Jenks Ok 74103

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Norma W. Brady and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Janet L. Stunkard
Notary Public/Janet L. Stunkard

My Commission Expires:
2-8-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Betty H. Adkins
Name: _____
Address: Betty H. Adkins
7107 S. Hudson Circle
Littleton, Colo. 80122

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Crapshaw) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Betty H. Adkins and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Doreen A. Watters
Notary Public

My Commission Expires:
9-28-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Diann Bandy
Name: _____
Address: _____
Diann Bandy
7 Scotland Rd
Pueblo, Colo. 81001

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO }
COUNTY OF PUEBLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of MAY, 1991, personally appeared Diann Bandy and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Christine W. Jones
Notary Public

My Commission Expires:
2-5-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 17th day of May, 1991.

By: Turner A. McGhee
Name: TURNER A. MCGHEE
Address: PRESIDENT
CRENSHAW ROYALTY CORP
1039 MILAM BLDG.
SAN ANTONIO, TX 78205

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

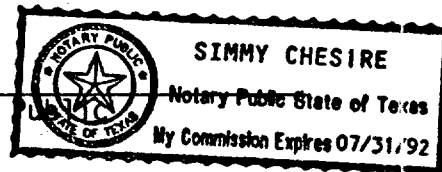
STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Notary



(CORPORATION ACKNOWLEDGEMENT)

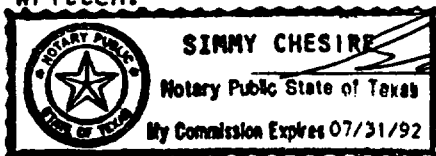
STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Turner A. McGhee-President

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that He executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires:
July 31, 1992

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Paul Lyon
Name: Paul Lyon
Address: Rt 2 Geary Okla 73040
Paul Lyon

By: Martha Lyon
Name: Rox
Address: Geary Okla 73040
MARTHA LYON

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma
COUNTY OF Blaine } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May 1991, personally appeared Paul Lyon and Martha Lyon to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
9-11-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

C.R. HUTCHESON TRUST

First City, Texas - Midland, N.A.,

By: Trustee, Account No. 30-0339-01

Name:

Address: Michael Talley, Exec. V.P. & Trust Office

P.O. Box 10966

Midland, Texas 79702

By: C.R. Hutcherson

Name:

Address:

ATTEST:

By: Michael J. Tandy

Michael J. Tandy

Sr. V.P. and Trust Officer

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and at the day and year first above written.

C.R. Hutcherson
Trust
Confirmed via
Phone call to
Oil & Gas Dept.
5/22 RLR

My Commission Expires: _____

Notary

(CORPORATION ACKNOWLEDGEMENT)

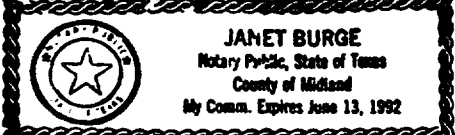
STATE OF Texas }
COUNTY OF Midland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Michael Talley

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Exec. Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires: _____

Janet Burge
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: *Louise C. Summers*
Name: _____
Address: BOX 776

By: _____
Name: _____
Address: _____

HOBBS, NM. 88241-0776

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF LEA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of MAY, 1991, personally appeared LOUISE C. SUMMERS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

M. L. Brown
Notary Public

My Commission Expires:
2/17/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: H. E. ELLIS
Name: HAARON INC
Address: PO Box 620707
DALLAS TX 75367-0707

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF DALLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared H. E. ELLIS PRES - HAARON INC

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PRESIDENT - HAARON INC

and acknowledged to me that he executed the same as my free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Ma Ellis
Notary Public

My Commission Expires: _____

7-31-91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Mabel C. Dahlgren
Name: _____
Address: _____
Mabel C. Dahlgren
P. O. Box 1072
Bartlesville, OK 74005

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF WASHINGTON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Mabel C. Dahlgren and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
11-23-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Emma Jane Brooke
Name: EMMA JANE BROOKE
Address: Box 5372
Lubbock, Texas
79417

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

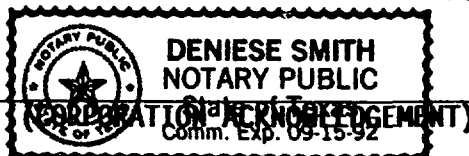
STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Emma Jane Brooke and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Denise Smith
Notary Public

My Commission Expires:
9-15-92



STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Mary A. Ingram
Name: _____
Address: _____
6123 S. Hudson
Tulsa, Ok
74136

By: Jack H. Ingram
Name: _____
Address: _____
6123 S. Hudson
Tulsa, Ok
74136

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared Mary Ingram and Jack Ingram to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

B. Elaine Schaf
Notary Public

My Commission Expires:
3/20/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15 day of May, 1991.

By: Howard B Newcomb
Name: _____
Address: 3817 NW Expressway
Suite 150
Oklahoma City OK 73112

By: Eudana B Newcomb
Name: _____
Address: 3817 NW Expressway
Suite 150
Oklahoma City, Ok 73112

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15 day of May, 1991, personally appeared Howard B Newcomb and EUDANA B Newcomb to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
10-12-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of May, 1991.

By: Jean M. Boehm
Name: Jean M. Boehm
Address: 1318 Boston
Muskogee, OK 74401

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF MUSKOGEE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of May, 1991, personally appeared Jean M. Boehm, a single ~~person~~ person to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~her~~ free and voluntary act and deed for the uses and purposes therein set forth. her

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

Lisa L. Goebel
Notary Public

My Commission Expires:
02-07-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

LAWSON PET CO
By: Edward C. Lawson Jr
Name: Edward C. Lawson Jr
Address:

By: _____
Name: _____
Address: _____

2100 Philtown
TULSA OKLA 74103

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared
Edward C. Lawson, Jr.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Ruby C. Saunders
Notary Public

My Commission Expires:
August 12, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15TH day of MAY, 1991.

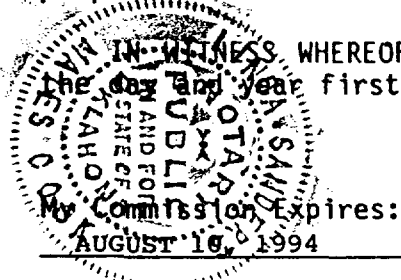
By: _____
Name: _____
Address: _____

By: *J. R. Eagleton*
Name: JAMES R. EAGLETON, TRUSTEE UNDER 6-30-70
TESTAMENTARY TRUST OF FRANCES LEWIS KRAMER
Address: TAXPAYER ID#73-6163707
P. O. BOX 2967
TULSA, OKLAHOMA 74101-2967

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF TULSA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15TH day of MAY, 1991, personally appeared JAMES R. EAGLETON, TRUSTEE UNDER 6-30-70 TESTAMENTARY TRUST OF FRANCES LEWIS KRAMER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.



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

Linda Sanders
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

ATTEST:

By: Patricia A. Zihgauer
Name: Assistant Secretary
Address: 3229-A South Harvard Ave
Tulsa, OK - 74135

By: Lawrence A. Peitz, President
Name: TULSA ROYALTIES COMPANY
Address: 3229-A South Harvard Ave
Tulsa, OK - 74135

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared
Lawrence A. Peitz

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Virginia L. Fields
Notary Public

My Commission Expires:
January 22, 1995

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

By: _____
Name: _____
Address: _____

By: Mary Ruth McCrory by James Reed
McCrory her attorney in fact
Name: MARY RUTH MCCRORY BY JAMES
Address: REED MCCRORY HER ATTORNEY
IN FACT (A SINGLE WOMAN)
POB 25764
Albuquerque NM 87125

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Bernalillo } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared JAMES REED MCCRORY ATTORNEY IN FACT FOR MARY RUTH MCCRORY to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
June 20, 1992



OFFICIAL SEAL
James Reed McCrory
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires June 20, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: Montgomery Young
Name: _____
Address: _____
4900 SUNSHINE RD
MIAMI FL 33133

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Dade } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared MONTGOMERY L. YOUNG and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Constance D. Kuehn
Notary Public

My Commission Expires: _____
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. AUG. 28, 1993
BONDED THRU GENERAL INS. UND.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

ELK OIL COMPANY

By: [Signature]
Name: Joseph J. Kelly, President
Address: _____

P. O. Box 310
Roswell, New Mexico 88202

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Joseph J. Kelly, President of ELK OIL COMPANY on behalf of said corporation, to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
May 3, 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16TH day of MAY, 1991.

By: <u>Bess Marmaduke, TRUSTEE</u> Name: <u>BESS MARMADUKE</u> Address: <u>3464 So Gray Pl</u> <u>Julesa Okla 74105</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Julesa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16TH day of MAY, 1991, personally appeared Bess Marmaduke and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sharon H Ward
Notary Public

My Commission Expires:
9-1-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Virginia C. Edson
Name: _____
Address: _____
Box 314
Hanover, New Hampshire
03755

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NH)
COUNTY OF Shafter) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Virginia C. Edson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

VELMA S. HINES, Notary Public
My Commission Expires March 11, 1992
My Commission Expires: _____

Velma Hines
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18th day of May, 1991.

By: Peter G. Burnett
Name: PETER G. BURNETT
Address: P.O. Box 70
Kenilworth, IL 60043

By: Georgia Burnett
Name: GEORGIA BURNETT
Address: P.O. Box 70
Kenilworth, IL 60043

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois }
COUNTY OF COOK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18 day of May, 1991, personally appeared Peter G. Burnett and Georgia Burnett to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

" OFFICIAL SEAL "
SANDRA L. MATHEWS
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 1/23/95

Sandra L. Mathews
Notary Public

My Commission Expires: 1/23/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of May, 1991.

By: _____
Name: _____
Address: _____

The Gill Royalty Company
By: John K. Gill
Name: John K. Gill, President
Address: _____
P. O. Box 697
Okmulgee, OK 74447

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA }
COUNTY OF OKMULGEE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of May, 1991, personally appeared
John K. Gill

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Patricia Peterson
Notary Public

My Commission Expires:
11/6/92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Laverne W. Colby
Name: _____
Address: _____

By: Leona E. Colby
Name: _____
Address: _____

LAVERNE W. COLBY
1540 Sykes Creek Drive
Merritt Island, Florida 32953

LAVERNE W. COLBY
1540 Sykes Creek Drive
Merritt Island, Florida 32953

Notary Public
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA }
COUNTY OF BREVARD } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of MAY, 1991, personally appeared LAVERNE W. COLBY and LEONA E. COLBY to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____
Notary Public, State of Florida at Large
My Commission Expires Feb. 1, 1992
Bonded thru Agent's Notary Brokerage
Suzanne J. Gastberg
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: William R. Roberts
Name: _____
Address: _____
William R. Roberts
45 N.E. 47th Ave.
Portland, OR 97213-2316

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon)
COUNTY OF Multnomah) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May 1991, personally appeared William R. Roberts and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Michael J. Donnell
Notary Public

My Commission Expires:
1-31-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: John L. Shepherd
Name: JOHN L. SHEPHERD
Address: 10324 Yukon Ave. S.
Bloomington, MN. 55438

By: _____
Name: _____
Address: _____

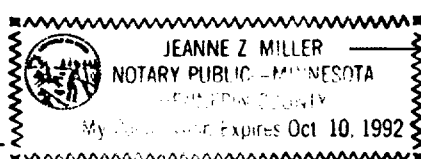
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Minnesota }
COUNTY OF Hennepin } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared John L. Shepherd and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: Oct 10, 1992



Jeanne Z. Miller
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 17 day of MAY, 1991.

By: <u>PATRICIA ANNMONTGOMERY</u>	By: <u><i>married woman dealing in her sole & separate property</i></u>
Name: _____	Name: _____
Address: <u>Patricia Ann Montgomery</u>	Address: _____
<u>434 PALMER DRIVE</u>	_____
<u>MUSKOGEE, OK. 74449</u>	_____
_____	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Muskogee } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Patricia Ann Montgomery and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~their~~ ^{her} free and voluntary act and deed for the uses and purposes therein set forth.

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

Lisa L. Goebel
Notary Public

My Commission Expires:
2-7-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of May, 1991.

By: _____
Name: _____
Address: _____

HOWARD M. HUGHES TRUST
UNITED BANK AT LEA COUNTY, TRUSTEE

By: Lucille Dailey
Name: Lucille Dailey, Senior Vice President
Address: _____
P.O. Box 5614
Hobbs, NM 88241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of May, 1991, personally appeared
Lucille Dailey

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Senior Vice President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Mary McHewen
Notary Public

My Commission Expires:
11-25-91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Virginia Mitchell Lee
Name:
Address:
VIRGINIA MITCHELL LEE
5347 WOODFORD DRIVE
BIRMINGHAM, AL 35242

By: John Edwin Lee, Jr.
Name:
Address:
JOHN EDWIN LEE, JR
5347 WOODFORD DRIVE
BIRMINGHAM, AL 35242

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ALABAMA)
COUNTY OF SHELBY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of MAY, 1991, personally appeared VIRGINIA MITCHELL LEE and JOHN EDWIN LEE, JR to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Joan Paumann Smith
Notary Public

My Commission Expires:
MY COMMISSION EXPIRES NOVEMBER 15, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: G. T. Blankenship, Jr.
Name: G. T. Blankenship, Jr.
Address:
400 Nichols Hills Bank Tower
6412 Avondale Drive
Okla. City, OK 73116

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared G. T. Blankenship, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as ^{his} ~~their~~ free and voluntary act and deed for the uses and purposes therein set forth.

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

Karen Fleetwood
Notary Public

My Commission Expires:
July 10, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15 day of May, 1991.

By: Esther Anne Dow
Name: _____
Address: _____
Esther Anne Dow
3032 Brewine Stone Rd.
OKla. City, OK 73120

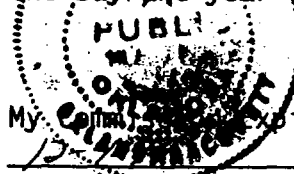
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15 day of May, 1991, personally appeared Esther Anne Dow and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

 My Commission Expires: 12/31/91

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of May, 1991.

JEAN ANDERSON SIMPSON LIVING TRUST JEAN ANDERSON SIMPSON LIVING TRUST

By: <u>Jean Anderson Simpson</u>	By: <u>D. Strother Simpson, Trustee</u>
Name: <u>JEAN ANDERSON SIMPSON</u>	Name: <u>D. Strother Simpson, Trustee</u>
Address: <u>5802 S. DELAWARE PLACE</u>	Address: <u>5802 S. Delaware Pl.</u>
<u>TULSA, OKLAHOMA 74105</u>	<u>TULSA, OKLA. 74105</u>

SOC. SEC. NO. 444-48-8760

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of May, 1991, personally appeared JEAN ANDERSON SIMPSON and D. Strother Simpson, Trustee, to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary Ann Querson
Notary Public

My Commission Expires:
7-31-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Johanna Vanderbeek
Name: _____
Address: JOHANNA VANDERBEEK
BOX 287
AMAGANSETT, N.Y. 11930

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York }
COUNTY OF Suffolk } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Johanna Vanderbeek and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

LISA JONAS
Notary Public, State of New York
No. 4738838
Qualified in Suffolk County
Term Expires _____

Lisa Jonas
Notary Public

My Commission Expires: _____

June 30, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

ETZ OIL PROPERTIES, LTD.

By: Bonnie R. Etz
Name: Bonnie R. Etz

Address: PO Box 1992
Roswell, NM 88202-1992

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Bonnie R. Etz and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Arlley Echo Meathers
Notary Public

My Commission Expires:
2-1-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Patricia H. Neal
Name: _____
Address: _____
Post Office Box 278
Hobbs, New Mexico 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF LEA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared Patricia H. Neal and --- to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Bes Castleman
Notary Public

My Commission Expires:
8/24/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of MAY, 1991.

By: Elizabeth Moore
Name: Elizabeth Moore
Address: 201 Essex Meadows
Essex, CT, 06426

By: Oscar F. Moore
Name: _____
Address: **MR. OSCAR F. MOORE**
201 Essex Meadows
Essex, Conn. 06426


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CT)
COUNTY OF New Haven) SS: MADISON

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of MAY, 1991, personally appeared ELIZABETH + OSCAR F MOORE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

t my hand and affixed my official



Notary Public

My Commission Expires _____
PAITH C. FISHEN
NOTARY PUBLIC
 MY COMMISSION BEGINS 02-21-2009

470.1282

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

Elizabeth Mary Schneider, Vice President/Secretary

By: Elizabeth Mary Schneider
Name: _____

Address: _____
820 West Central Park
Davenport IA 52804

Congregation of the Humility of Mary

By: _____

Name: _____

Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Iowa }
COUNTY OF Scott } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared
Elizabeth Mary Schneider

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President/Secretary

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Mary Ann Vogel
Notary Public

My Commission Expires:
7-1-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

Fiduciary Trust Company, Executor of the Estate of	
By: <u>Ellen Cope Flanagan</u>	By: <u>Irene S. Milliken</u>
Name: _____	Name: _____
Address: _____	Address: _____
<u>175 Federal Street</u>	_____
<u>Boston, MA 02110</u>	_____
_____	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Massachusetts)
COUNTY OF Suffolk) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared

Ellen Cope Flanagan
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Nancy B. Smith
Notary Public

My Commission Expires: Oct. 18, 1996

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

PENTAGON OIL COMPANY

By: Richard G. Rorschach
Name: Richard G. Rorschach
Address: PENTAGON OIL COMPANY
P.O. BOX 391
KILGORE, TX. 75663

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF GREGG) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Richard G. Rorschach, * and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth, and on behalf of Pentagon Oil Company, a general partnership.
*Managing Partner for Pentagon Oil Company, a general partnership.

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

Tricia Hanisee
TRICIA HANISEE, Notary Public, State of Texas

My Commission Expires:
10-27-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: _____
Name: _____
Address: _____

Jeannine Hooper Byron
By: Jeannine Hooper Byron
Name: _____
Address: _____
P. O. Box 1562
Roswell, NM 88202

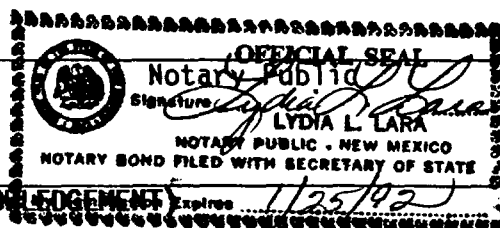
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Jeannine Hooper Byron ~~and~~ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
1/25/92



(CORPORATION ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: _____
Name: _____
Address: _____

By: J. W. Neal
Name: _____
Address: Box 278
Hobbs, New Mexico 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM }
COUNTY OF Lea } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared J. W. Neal and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Les Castleman
Notary Public

My Commission Expires:
8-24-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Florence L. Woods
Name: FLORENCE L. WOODS
Address: 224 E YUCCA
Hobbs NM

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF LEA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of MAY, 1991, personally appeared Florence L. Woods and _____ to me known to be the identical person(●), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

William Oaks
Notary Public

My Commission Expires: 9-19-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Loyd Edmond Lawrence
Name: Loyd Edmond Lawrence
Address:
PO Box 265
Cedar Vale
KS 67024

By: Virginia Lee Lawrence
Name: Virginia Lee Lawrence - wife
Address:
PO Box 265
Cedar Vale
KS 67024

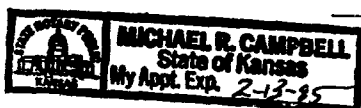
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Kansas)
COUNTY OF Chautauque) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Loyd Edmond Lawrence and Virginia Lee Lawrence to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



Michael R. Campbell
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: A.C. Haynes
Name: A.C. HAYNES
Address:
P.O. Box 3021
Ruidoso
New Mexico 88345

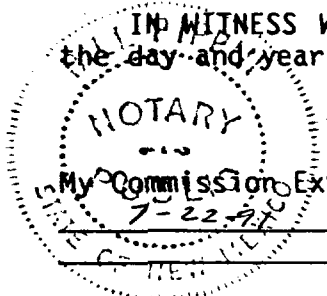
By: Ellen Dean Haynes
Name: ELLEN DEAN HAYNES
Address:
P.O. Box 3021
Ruidoso
New Mexico 88345

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF LINCOLN } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of MAY, 1991, personally appeared A.C. HAYNES and ELLEN DEAN HAYNES to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Bill Pappin
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

By: Mary J. McWhorter
Name: MARY J. MCWHORTER
Address: 2033 E. 2nd St.
TUCSON, AZ 85719

By: _____
Name: _____
Address: _____

SS# 526-24-8433

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona }
COUNTY OF Pima } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Mary J. McWhorter and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

W. G. Shull
Notary Public

My Commission Expires:
My Commission Expires July 4, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Kathryn Coyle
Name: Kathryn Coyle
Address: 512 E. Lea St.
Hobbs, N.M. 88240.

By: D.O. Coyle
Name: D.O. Coyle
Address: 512 E. Lea St.
Hobbs, N.M. 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Kathryn Coyle and D. O. Coyle to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

James W. Francisco
Notary Public

My Commission Expires:
Feb. 12, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Mary Elizabeth Skates
Name: _____

Address: _____

MARY ELIZABETH SKATES

RT 9, BOX 446

HOT SPRINGS, AR 71913

By: _____

Name: _____

Address: _____

(Mary
Johrell
Skates)

see her cover letter

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arkansas
COUNTY OF Garland SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Mary Elizabeth Skates and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above



My Commission Expires: _____

9-1-2000

Darlene M. Prater
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Howard Bradley Jack
Name:

Address:

Howard Bradley Jack

1311 NW 107th Terr

Gainesville

Florida 32606 5446

By: Nancy C. Jack
Name:

Address:

Nancy C. Jack

1311 NW 107th Terr

Gainesville

Florida 32606 5446

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF Alachua) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Howard Bradley Jack and Nancy C. Jack to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Blythe J. [Signature]
Notary Public

My Commission Expires:

Notary Public State of Florida at Large

My Commission Expires June 19, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

Adelia C. Clark
By: Adelia C. Clark
Name:
Address: Clark Ranch - Rt. 2
Muenster, Texas - 79059

Willis N. Clark
By: Willis N. Clark
Name:
Address: Clark Ranch - Rt. 2
Muenster, Texas - 79059

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

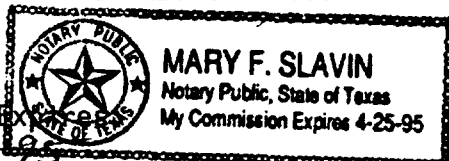
STATE OF TEXAS }
COUNTY OF Roberts } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of MAY, 1991, personally appeared Adelia C. Clark and Willis N. Clark to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires

4-25-95



Mary F. Slavin
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: _____
Name: _____
Address: _____

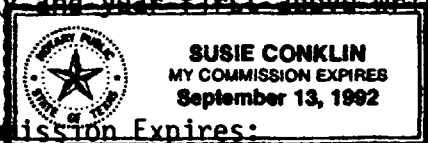
By: Marjorie Cone Kastman
Name: Marjorie Cone Kastman
Address: _____
P. O. Box 5930
Lubbock, Texas 79417

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF TEXAS }
COUNTY OF LUBBOCK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Marjorie Cone Kastman and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: _____

Susie Conklin
Notary Public
Susie Conklin

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Ralph M. Randal

Name: Ralph M. Randal

Address: 5321 Benlar Rd.,

St. North, TX 76140

By: _____

Name: _____

Address: _____

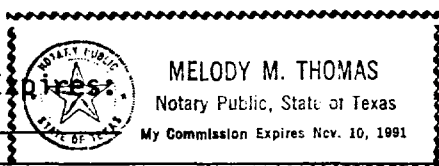
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Ralph M. Randal and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



MELODY M. THOMAS
Notary Public, State of Texas
My Commission Expires Nov. 10, 1991

Melody M. Thomas
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: A. L. Boone, Exec. Sec.
Name: A. L. Boone, Exec. Sec.
Address: Mississippi Baptist Foundation
Box 530
Jackson, Ms. 39205

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Mississippi }
COUNTY OF Hinds } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May 1991, personally appeared A. L. Boone

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Executive Secretary

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Mrs. Jane Greer
Notary Public

My Commission Expires:

My Commission Expires May 22, 1993

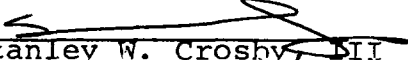
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: 
Name: Stanley W. Crosby, III
Address: P.O. Box 2346
Roswell, N.M. 88201-2346

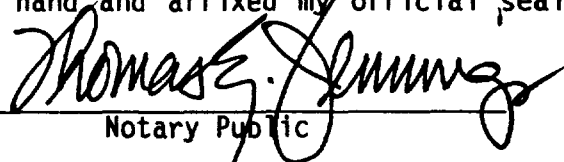
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared Stanley W. Crosby, III and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Peggy Collier Moore
Name: _____
Address: Peggy Collier Moore
5324 A Balcones Dr
Austin TX 78731

By: _____
Name: _____
Address: _____


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Travis } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Peggy Collier Moore and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 4/26/94

NOTARY PUBLIC

TERRI McDANIEL
Notary Public, State of Texas
My Commission Expires April 26, 1994

TERRI McDANIEL
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: *Rex Ross Walker*
Name: _____

Address: Rex Ross Walker
3100 Airport Road
Boulder, Colorado
80301

By: _____

Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Boulder)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Rex Ross Walker and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Daphne D. Kinne
Notary Public

My Commission Expires:
June 19, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

Only Returns
the copy 5/24

CB

In consideration of the execution of the Unit Agreement for and Operation of the North Monument Grayburg/San Andres Unit Area, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

MARY PATTON (KENNEDY)

By:

Name:

Address:

RR 3 Box 3248
Grandview UT 84057

By:

Name:

Address:

none

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico

COUNTY OF Bartolomeo

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Mary P. Kennedy and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Theda M. Hansen
Notary Public

My Commission Expires:

3/6/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30th day of May, 1991.

Estate of Hilda M. Shaddle

By: C. B. McNeil
Name: C. B. McNEIL, P.R.
Address:
c/o Robert J. McKanna, P.S.
North 122 University
Spokane, Washington 99206-5297

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MONTANA)
COUNTY OF LAKE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared and C. B. McNEIL to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: 6/1/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Nancy E. Carlson
Name: _____
Address: P.O. Box 596
Penasco, N.M.
87553

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM }
COUNTY OF Dos } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Nancy E. Carlson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Judy S. Angeles
Notary Public

My Commission Expires: 4-9-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: H. E. Rorschach

Name: H. E. Rorschach, Managing Partner

Address:

CHAPARRAL ROYALTY COMPANY

P. O. BOX 65687

HOUSTON, TEXAS 77266

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared

H. E. Rorschach, Jr., Managing Partner

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: 10-31-1992

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Marion R Eager
Name: Marion R Eager
Address: 3530 So. 38
Lincoln, Ne 68506
Dr Lic # G02-117056 NE

By: _____
Name: _____
Address: _____
EX. 1-22-92

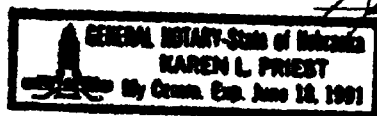
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Nebraska)
COUNTY OF Lancaster) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Marion R Eager and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
6-18-91



Karen L. Priest
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Elizabeth M. Baker
Name: _____
Address: _____
1728 Chimney Rock
Houston, Texas 77056
Box 500 #462-27-2745

By: _____
Name: _____
Address: _____

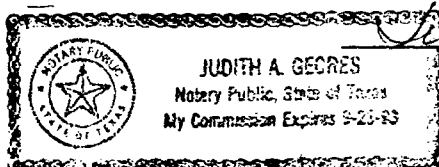
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Elizabeth M. Baker and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 9/23/93



Judith A. Geores
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Edith N Swick
Name: _____
Address: _____
Edith N Swick
10462 Fern Dr
Dallas TX 75228

By: Carl A. Swick Jr.
Name: _____
Address: _____
Carl A. Swick, Jr.
10462 Fern Dr
Dallas TX 75228

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF McPurtain } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June 1991, personally appeared Edith N. Swick and Carl A. Swick Jr. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Maurice Helen Stevenson
Notary Public

My Commission Expires:
9-25-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: *Alice VanCleave*
Name: Alice VanCleave
Address:
P. O. Box 275
Beulah, Mi. 49617

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MICHIGAN)
COUNTY OF Benzie) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Alice VanCleave and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Harriet Stone
Notary Public

My Commission Expires:
Jan. 6, 1992

Benzie County, Michigan

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: _____
Name: _____
Address: _____

By: Virginia L. Weymouth
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CONN. }
COUNTY OF MIDDLESEX } SS: OLD SAYBROOK

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of JUNE, 1991, personally appeared VIRGINIA L. WEYMOUTH and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

William A. Padden
Notary Public

My Commission Expires:
3-31-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: Barbara VanCleave
Name: Barbara VanCleave
Address:
P. O. Box 275
Beulah, Mich. 49617

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MICHIGAN)
COUNTY OF Benzie) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Barbara VanCleave and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Harriet Stone
Notary Public
Benzie County, Michigan

My Commission Expires:
Jan. 6, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4 day of June, 1991.

By: Lois B. Hayworth
Name: _____
Address: _____
Lois B. Hayworth
P.O. Box 16
Tallahassee, FL 32300

By: Harold R. Hayworth
Name: _____
Address: _____
Harold R. Hayworth
P.O. Box 16
Tallahassee, FL 32300

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF Sarasota) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4 day of June, 1991, personally appeared Lois B. Hayworth and Harold R. Hayworth to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Richard R. Lewis
Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: AUG. 16, 1992.
BEFORE ME, THE NOTARY PUBLIC UNDERWRITERS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Janet Robinson
Name: _____
Address: _____
JANET ROBINSON
24 Ogden ST.
JEKYLE ISLAND, GA. 31520

By: Carl Robinson
Name: _____
Address: _____
CARL ROBINSON
24 Ogden ST.
JEKYLE ISLAND, GA 31520

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York
COUNTY OF Herkimer SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Janet Robinson and Carl Robinson to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
8-31-91

Jean E. Ward
Notary Public, State of New York
Qualified in Herkimer County
Registration #4734961

(CORPORATION ACKNOWLEDGEMENT) Commission Expires 8-31-91

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30th day of MAY, 1991.

Estate of Wilhelmine Hertzog

By: Wilma S. Warde
Name: WILMA S. WARDE
Address:
49 BARRETT RD
NEW LONDON, N.H.
03257

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF New Hampshire }
COUNTY OF Merrimaak } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of MAY, 1991, personally appeared before me and is to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Martha J. Bristol
Notary Public
MARTHA J. BRISTOL, Notary Public
My Commission Expires November 7, 1995

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: <u>Alice Kimbrough McClain</u> Name: <u>ALICE KIMBROUGH McCLAIN</u> Address: <u>P.O. Box 49193</u> <u>COLO SPGS CO 80949-9193</u>	By: _____ Name: _____ Address: _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO)
COUNTY OF EL PASO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of MAY, 1991, personally appeared Alice Kimbrough McClain and // to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Virginia B. Halloran
Notary Public

My Commission Expires:
7/25/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

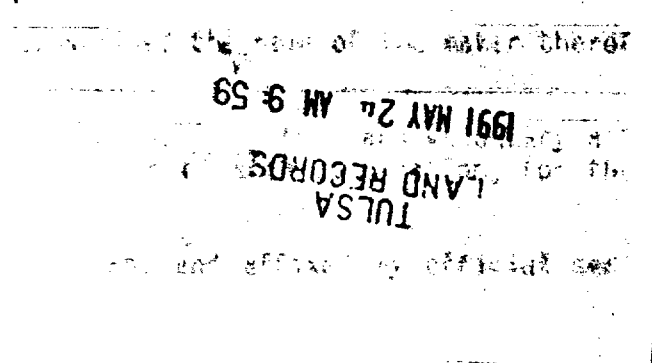
Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991,

_____ to me known to be the identical person(s) who executed the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as their free and voluntary act and deed and as the free and voluntary act and deed for the uses and purposes therein set forth.

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

Please note unit address



Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

William S. Spradling Agency No. 3331

By: Ed DiRe
Name: Ed DiRe, Vice President
Address: c/o NCNB Texas
P. O. Box 848703
Dallas, TX 75284-8703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set
the day and year first above written.

*Recorded in
green book
Under
Interfirst Bank* my official seal

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tarrant) SS:

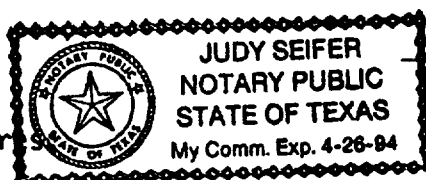
Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared
Ed DiRe

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for NCNB Texas National Bank

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

My Commission Expires
04-26-94



Judy Seifer
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: James G. Armstrong
Name: JAMES G. ARMSTRONG
Address: 420 SO. FAIRWAY DR.
PUEBLO WEST, CO. 81007

By: Bessie Mae Armstrong
Name: BESSIE MAE ARMSTRONG
Address: 420 SO. FAIRWAY DR.
PUEBLO WEST CO. 81007

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Pueblo) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared James G. Armstrong and Bessie Mae Armstrong to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Georgia L. Truttschel
Notary Public

My Commission Expires:
1/20/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: <u><i>Odell L. Lowe</i></u> Name: <u>Odell L. Lowe- Trustee</u> Address: <u>LAUREN LOWE</u> <u>1500 Broadway, Suite 1230</u> <u>Lubbock, Texas 79401</u>	-TRUSTEE By: _____ Name: _____ Address: _____ _____ _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Odell L. Lowe and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Ruth C. Wilson
Notary Public
Ruth C. Wilson

My Commission Expires:
6/22/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: *Odell L. Lowe* -TRUSTEE
Name: Odell L. Lowe-Trustee
Address:
KELLY LOWE
1500 Broadway, Suite 1230
Lubbock, Texas 79401

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Odell L. Lowe and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Ruth C. Wilson
Notary Public
Ruth C. Wilson

My Commission Expires:
6/22/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

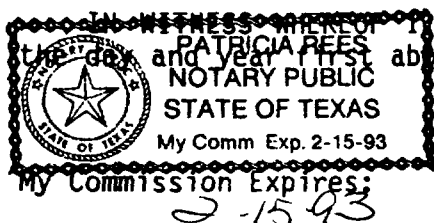
By: Raymond R. Anderson
Name: Raymond R. Anderson
Address:
3900 White Settlement Rd.
Apt. #96
Fort Worth, TX 76107

By: Billie N. Anderson
Name: Billie N. Anderson
Address:
3900 White Settlement Rd.
Apt. #96
Fort Worth, TX 76107

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Tarrant } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared Raymond R. Anderson and Billie N. Anderson to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.



I have hereunto set my hand and affixed my official seal the day and year first above written.

Patricia Pees
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of may, 1991.

By: *Carlton Scales*
Name: Carlton Scales
Address: P.O. Box 1857
Amorillo TX
79105

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF *Texas* }
COUNTY OF *Tarrant* } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this *21st* day of *May*, 1991, personally appeared *Carlton Scales* and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires _____



RUTH E. WEBSTER
Notary Public, State of Texas
My Commission Expires 5-26-93

Ruth E. Webster
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Steven H. Stolp
Name: Steven H. Stolp, Business Manager
Address: Shattuck-St. Mary's School
P.O. Box 218
Faribault MN 55021

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Minnesota)
COUNTY OF Rice) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared
Steven H. Stolp

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its business manager

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

My Commission Expires: _____

Lawrence C. Schultz

NOTARY PUBLIC
LAWRENCE C. SCHULTZ
NOTARY PUBLIC—MINNESOTA
RICE COUNTY
My Commission Expires Sept. 25, 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Ellen P. Scott
Name: _____
Address: _____
Ellen Phillips Scott
402 Ruby Rd.
GRAND PRAIRIE, TX 75050

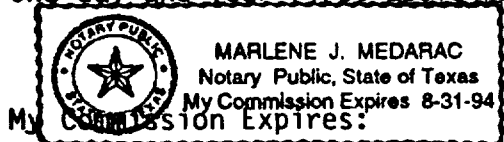
By: C. A. Scott, Jr.
Name: _____
Address: _____
CARL A. Scott, Jr.
402 Ruby Rd.
GRAND PRAIRIE, TX 75050

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared Ellen P. Scott and C. A. Scott, Jr. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Marlene J. Medarac
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: *Pearl Dains*
Name: _____
Address: 815 E. Apollo Rd
Phoenix, Az. 85040

By: _____
Name: _____
Address: _____
Listed as Robert & Pearl Dains, Corp.

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona }
COUNTY OF Maricopa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Pearl Dains and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

James A. Carson
Notary Public

My Commission Expires:

~~My Commission Expires Sept 15, 1993~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of MAY, 1991.

By: [Signature]
Name: _____
Address: _____
Joseph Nathan
1550 N. State Parkway
Chicago, Ill. 60646

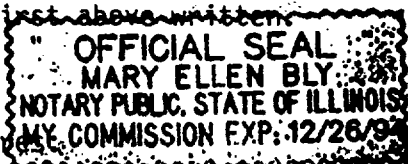
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois }
COUNTY OF Cook } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Joe Nathan and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Mary Ellen Bly
Notary Public

My Commission Expires _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: <u>George Albert Nash II</u> Name: _____ Address: _____ <u>11801 Ojai Rd</u> <u>Ojai, Ca 93023</u>	By: _____ Name: _____ Address: _____ _____ _____
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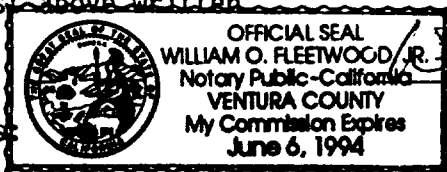
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF VENTURA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared GEORGE ALBERT NASH II and " " " " " " " " to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: JUNE 6, 1994



William O. Fleetwood, Jr.
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: [Signature]

Name:

Address:

LOUIS B. GUTHMANN JR

9 COURT OF HARBORSIDE

NORTHBROOK, ILL 60062

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ILLINOIS)

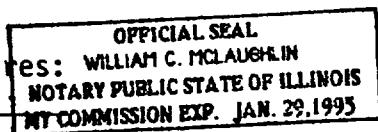
COUNTY OF COOK)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of MAY, 1991, personally appeared LOUIS GUTHMANN JR and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)

COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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.

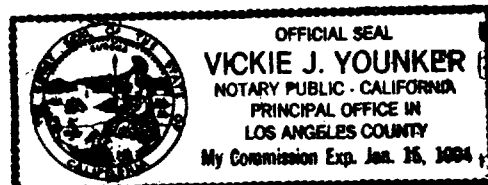
EXECUTED this 22 day of May, 1991.

By: Mary Frances Finley Soderberg
Name: Mary Frances Finley Soderberg
Address: 27653 FLAMING ARROW DR.
RANCHO PALOS VERDES, CA 90274

By: Alan D. Soderberg
Name: Alan D. Soderberg
Address: 27653 FLAMING ARROW DR.
RANCHO PALOS VERDES, CA 90274

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Calif)
COUNTY OF Los Angeles) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared MARY FRANCES FINLEY SODERBERG AND ALAN D. SODERBERG to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Vickie J. Younker
Notary Public

My Commission Expires: JAN 25, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20TH day of MAY, 1991.

By: Lloyd W. Laughlin
Name:
Address: LLOYD W. LAUGHLIN
9552 ENCHANTMENT LANE
STOCKTON, CA. 95209

By: Lincoln W. Laughlin
Name:
Address: VIVIAN W. LAUGHLIN
9552 ENCHANTMENT LANE
STOCKTON, CA 95209

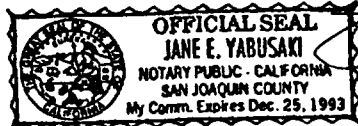
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF San Joaquin } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Lloyd W. Laughlin and Lincoln W. Laughlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
12.25.93



Jane E. Yabusaki
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: George W. Moffitt, Jr.
Name: _____
Address: _____
George W. Moffitt, Jr.
Roberts Road & Bethel Lane
Bryn Mawr, Penna. 19010

By: Nancy J. Moffitt
Name: _____
Address: _____
Nancy J. Moffitt
Roberts Road & Bethel Lane
Bryn Mawr, Penna. 19010

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Pa)
COUNTY OF Phila) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Adrienne D. Clark
Notary Public

NOTARY PUBLIC
ADRIENNE D. CLARK, Notary Public
City of Philadelphia, Phila. County
My Commission Expires July 27, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: _____
Name: _____
Address: _____

DOROTHY DELL GRAEBER TRUST

By: Ronald A. Barker V.P.
Name: Ronald A. Barker
Address: _____
Leavenworth National Bank & Trust Co Trustee
P.O. Box 189
Leavenworth, KS 66048

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and for _____ and to me that he executed the same as their purposes therein set forth. _____ for the uses and

IN WITNESS WHEREOF I ha
the day and year first above

Dorothy Dell
Graeber Trust
Per Ron Barker
Via phone call
5/23/91

My Commission Expires: _____

STATE OF Kansas }
COUNTY OF Leavenworth } SS

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May 1991, personally appeared Ronald A. Barker

to me known to be the identical person who subscribed the name of the maker therof to the foregoing instrument as its Senior Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed, and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

PUBLIC

My Commission Expires: 08/18/92

Jeanne Hartley
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of MAY, 1991.

SHERIDAN FAMILY TRUST

By: [Signature]
Name: C. SHERIDAN
Address: 451 Flamingo Ave
Naples, FLA.
33963

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF Collier) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of MAY, 1991, personally appeared Christopher Sheridan and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: _____
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP JULY 25, 1994
BONDED THRU GENERAL INS. UND.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

PHYLLIS WHITWORTH

By: _____
Name: _____
Address: _____

By: [Signature]
Name: _____
Address: 3602 S.E. 2nd Ave.
Cape Coral, FL 33904

P/K

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Lee } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Phyllis N. Scott and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
10-4-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Jean C. Cowie
Name: _____
Address: 38305 Versailles
Dallas TX 75209

By: _____
Name: _____
Address: _____

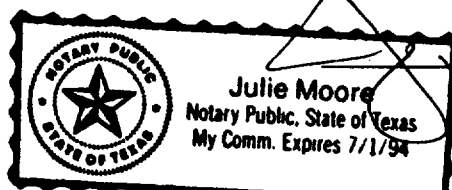
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Jean C. Cowie and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 7-1-94



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of MAY, 1991.

By: *Patrick J. Hannifin*
Name: _____
Address: _____
PATRICK J. HANNIFIN
765 SANTA CAMELIA DR.
SOLANA BEACH, CA 92075

By: *Mary S. Hannifin*
Name: _____
Address: _____
MARY S. HANNIFIN
765 SANTA CAMELIA DR.
SOLANA BEACH, CA 92075

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of MAY, 1991, personally appeared PATRICK J. HANNIFIN and MARY S. HANNIFIN to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



F. P. Langan
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Joyce BORDAGES
Name: JOYCE BORDAGES
Address: 5090 Dawn Dr
Beaumont, TX 77706

By: _____
Name: _____
Address: _____

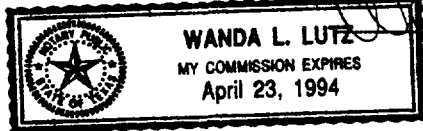
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Jefferson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Joyce BORDAGES and She to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



Wanda L. Lutz
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Clifford C. Lawrence Jr.
Name: _____
Address: _____
Clifford C. Lawrence Jr.
Rt. 1 Box 261
Newkirk Oklahoma

By: _____
Name: _____
Address: _____

74647
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OK }
COUNTY OF Kay } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Clifford C. Lawrence Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jean A. Beebe
Notary Public

My Commission Expires:
12-11-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Marcella B. Roberts
Name: _____

Address: _____
MARCELLA B. ROBERTS
P.O. BOX 6
PEARSALL, TEXAS

By: _____

Name: _____

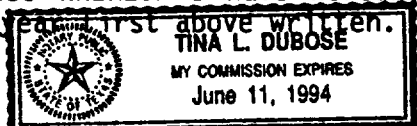
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Frio } ss: 458-09-0246

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Marcella B. Roberts and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

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



Tina L. Dubose
Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } ss: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: _____
Name: _____
Address: _____

By: Moulton A. Goodrum, Trustee
Name: Moulton A. Goodrum, Trustee
Address: 1980 Barber Trust
3000 One Shell Plaza
Houston, Texas 77002

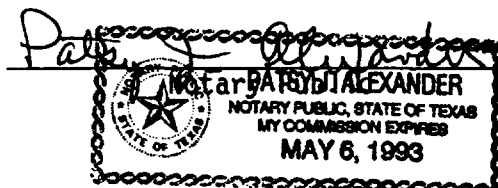
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Moulton A. Goodrum and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
May 6, 1993



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: William C. French, III
Name: William C. French, III
Address: 714 Golden Bear
Kingwood, Texas 77339

By: Jane J. French
Name: Jane J. French
Address: 714 Golden Bear
Kingwood, Texas 77339

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Harris) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared William C. French III and Jane J. French to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.



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

[Signature]
Notary Public

My Commission Expires:
3/5/1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: T.T. Sanders Jr
Name: T.T. Sanders Jr
Address: Box 550
ROSWEIL
NM
88201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.M.)
COUNTY OF Chaves) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared T.T. Sanders Jr and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Martha Garcia
Notary Public

My Commission Expires:
2/1/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: <u>[Signature]</u> Name: _____ Address: <u>OF THE GREENFIELD</u> <u>FAMILY TRUST</u> <u>10880 WILSHIRE BLVD #500</u> <u>LOS ANGELES, CA 90024</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

~~(CORPORATION ACKNOWLEDGEMENT)~~
Trustee

STATE OF California }
COUNTY OF San Diego } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared

[Signature]
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that he executed the same as a free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: _____



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Ellen L Every
Name: _____
Address: _____
8360 Greenbush Dr #209
Mclean Va 22102

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF VA)
COUNTY OF Fairfax) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Ellen L Every and _____ to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary Helen Smith
Notary Public

My Commission Expires:
March 2, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Walter C. Laughlin
Name: Walter C. Laughlin (OWNER)
Address:
4139 E. Laughlin Road
Casa Grande, AZ 85222

By: Geneva R. Laughlin
Name: Geneva R. Laughlin (WIFE)
Address:
4139 E. Laughlin Road
Casa Grande, AZ 85222

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA)
COUNTY OF PINAL) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Walter C. Laughlin and Geneva R. Laughlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Hugh A. Ferguson
Notary Public
Hugh A. Ferguson

My Commission Expires:
December 4, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: Rosie M. Parkhill
Name:
Address:
ROSIE M. PARKHILL
319 W. STUDEBAKER
AMARILLO, TEX. 79108

By: Ernest W. Parkhill
Name:
Address:
E. W. Parkhill
319 W. Studebaker
Amarillo, Texas 79108

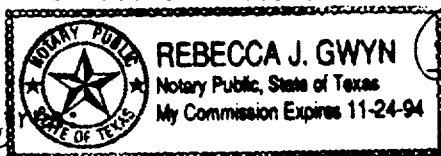
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS
COUNTY OF Potter } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Rosie M. Parkhill and Ernest W. Parkhill to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that ~~they~~ executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires
11-24-94



Rebecca J. Gwyn
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

HARLOW Royalties, Inc.

By: _____
Name: _____
Address: _____

By: George S. Webb
Name: GEORGE S. WEBB, VICE-PRESIDENT
Address: _____

P.O. Box 789
Houston, Tx 77001-0789

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

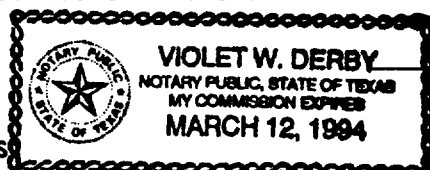
STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared George S. Webb

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice-President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



Violet W. Derby
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: Mrs T.J. Campion
Name:
Address:
Mrs T.J. Campion
2303 RIDGEVIEW
AUSTIN, TEXAS 78704

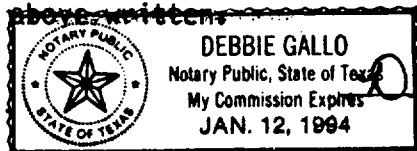
By: T.J. Campion
Name:
Address:
T.J. CAMPION
2303 RIDGEVIEW
AUSTIN, TX 78704

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Travis } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared Mrs. T.J. Campion and Mr. T.J. Campion to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first ~~above written~~



My Commission Expires: 1-12-94

Debbie Gallo
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: William L. Coiner
Name: William L. Coiner
Address:

232 Parkhill Drive
San Antonio, Texas 78212

By: Ann T. Coiner
Name: Ann T. Coiner
Address:

232 Parkhill Drive
San Antonio, Texas 78212

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

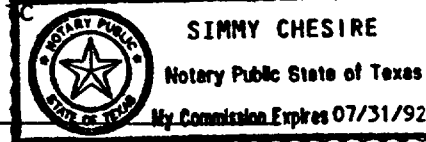
STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared William L. Coiner and Ann T. Coiner to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Simmy Chesire
Notary Public

My Commission Expires:
July 31, 1992



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of MAY, 1991.

By: Rex A. Stephens
Name: _____
Address: _____
601 Mustang Dr.
Grayburg, N.M.

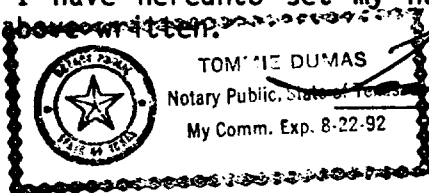
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Tex.)
COUNTY OF Hood.) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of MAY, 1991, personally appeared Rex A. Stephens and Virginia N. Stephens to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: 8-22-92.

Tommie Dumas
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Gerome A. Smith

Name: Gerome A. Smith

Address:

4707 Wilshire Terr
Lawton, OK 73501

By: Juanita J. Smith

Name: Juanita J. Smith

Address:

4707 Wilshire Terr
Lawton, OK 73501

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Comanche) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Gerome A. Smith and Juanita J. Smith to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Esther M. England
Notary Public

My Commission Expires:
4-1-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Thad Johnson Jarrett
Name: Thad Johnson Jarrett
Address:
1209 Griner
Del Rio, TX 78840

By: Judith Grace Halsell Jarrett
Name: Judith Grace Halsell Jarrett
Address:
1209 Griner
Del Rio, TX 78840

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

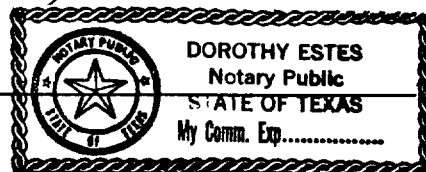
STATE OF Texas)
COUNTY OF Val Verde) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared Thad Johnson Jarrett and Judith Grace Halsell Jarrett to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dorothy Estes
Notary Public

My Commission Expires:



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Mildred A. Wright, Trustee
Name: Mildred A. Wright, Trustee
Address: Box 15057, Farmington, NM 87401

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

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

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Mildred A. Wright Trustee, Mildred A. and Wright Trust #1 to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Livela Goodding
Notary Public

My Commission Expires: 3-1-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: Vallee Kidd
Name: Vallee Kidd, Trustee
Address: Otha H. Grimes Foundation
1 W. Third, Suite 700
Tulsa, Oklahoma 74103

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Vallee Kidd and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

F. Ann James
Notary Public

My Commission Expires:
Sept. 10, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Twila Goodding
Name: Twila Goodding, Trustee
Address: Box 15057, Farmington, NM 87401

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

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

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Twila Goodding, Trustee, Lucky and Wright Royalty Syndicate Re-established to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

James B. Billingsley
Notary Public

My Commission Expires:
10-15-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Ray H. Williams
Name:
Address:

Ray H Williams
608 E Permian
Hobbs NM 88240

By: Shirley Williams
Name:
Address:

Shirley Williams
608 E Permian
Hobbs NM 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared Ray H Williams and Shirley Williams to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
9/19/91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Jessie H. Brown
Name: JESSIE H. BROWN
Address: 951 Private Road
WINNEKA, NM 88093

By: _____
Name: _____
Address: _____

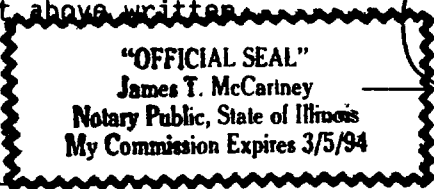
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois }
COUNTY OF Cook } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Jessie H. Brown and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 3-5-94



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: <u><i>Barbara O'Connor</i></u> Name: <u>Barbara O'Connor</u> Address: <u>Charon Oil Group</u> <u>P.O. Box 795</u> <u>Fort Dodge, Iowa 50501</u>	By: _____ Name: _____ Address: _____ _____ _____
---	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Iowa)
COUNTY OF Webster) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Barbara O'Connor and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

William E. Hand
Notary Public

My Commission Expires:
12-10-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of JUNE, 1991.

By: Charles R. Bacon
Name:
Address:
3311-23rd St.
Hubbard TX 79410
OVERRIDING ROYALTY

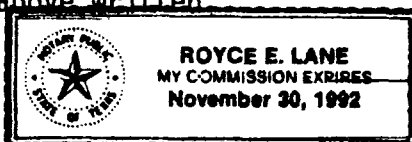
By: Mrs. Charles R. Bacon
Name:
Address:
3311-23 RD. ST.
LUBBOCK, TX. 79410

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of JUNE, 1991, personally appeared CHARLES R. BACON and AFTON G. BACON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Royce E. Lane
Notary Public

My Commission Expires:
11-30-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of May, 1991.

By: Mary Lee Reese
Name: Mary Lee S. Reese
Address: P.O. Box 58531
Salt Lake City, UT
84158

By: _____
Name: _____
Address: _____

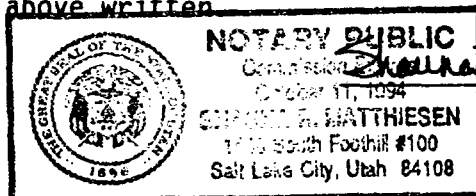
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Utah)
COUNTY OF Salt Lake) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared Mary Lee Reese and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
10-11-94



Sharon R. Matthiesen
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

By: Milward Kent Miller
Name:
Address:

204 Riverhill Blvd
Kerrville, Tx 78028

By: Carol Miller
Name:

Address:
204 Riverhill Blvd,
Kerrville, Tx 78028

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Kerr } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Milward Kent Miller and Carol Miller to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Margaret P. Jobes
Notary Public

My Commission Expires
11/22/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of MAY, 1991.

By: Sherman Griggs
Name:
Address:
SHERMAN GRIGGS
192 No. 87th ST
WAUKATOSA, WIS. 53226

By: Sally F. Griggs
Name:
Address:
SALLY F. GRIGGS
192 No. 87th ST
WAUKATOSA WIS 53226

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wisconsin)
COUNTY OF Milwaukee) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Sherman Griggs and Sally F. Griggs to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
January 3, 1993

Ilene P. Pelozo
Notary Public
Ilene P. Pelozo

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of JUNE, 1991.

By: Joan Bowrie Capell
Name: JOAN BOWRIE CAPELL
Address: (ROYALTY OWNER)
8813 Church Fld. La
Laurel, Md. 20708

By: John B. Capell
Name: JOHN BLACKFORD CAPELL
Address: (HUSBAND)
8813 Church Fld. La
Laurel, Md. 20708

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MARYLAND)
COUNTY OF MONTGOMERY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of JUNE, 1991, personally appeared JOAN BOWRIE CAPELL and JOHN B. CAPELL to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Frederick B. Allen
Notary Public

My Commission Expires:
3/1/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: Sandra Lee Barbee
Name: _____
Address: _____
SANDRA LEE BARBEE
71 GLEN ABBEY
ABILENE, TX 79604

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Taylor) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Sandra Lee Barbee and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Nancy Grove
Notary Public

My Commission Expires:
10-26-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Mildred B. Dieck
Name: _____
Address: _____
MILDRED B DIECK
2115 N. ELIZABETH #102
INDIANAPOLIS IN
46219

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Indiana)
COUNTY OF Marion) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Mildred B. Dieck and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jennifer D. Eubanks
Notary Public Jennifer D. Eubanks

My Commission Expires:
April 10, 1995
My county of residence is Marion.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

dba: Fiensy Properties

By: Laura G. Page
Name: Laura G. Page
Address: 2310 Campus Court
Abilene, Texas 79601

By: William L. Page
Name: William L. Page
Address: 2310 Campus Court
Abilene, Texas 79601

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF TAYLOR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of JUNE, 1991, personally appeared LAURA G. PAGE and WILLIAM L. PAGE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dell Warren
Notary Public DELL WARREN

My Commission Expires:
6-25-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30th day of May, 1991.

By: Lilly-Marie Johansen
Name: Lilly-Marie Johansen
Address:

By: _____
Name: _____
Address: _____

Oslo, 91 Leil 113
2300, Hamar

Norway

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

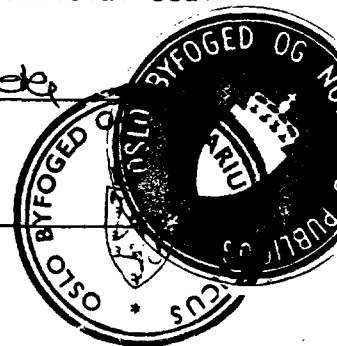
STATE OF Oslo }
COUNTY OF Norway } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Lilly-Marie Johansen and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Berit Hodder Brekke
Notary Public
Berit Hodder Brekke
etc.



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6 day of June, 1991.

By: *James T. Coppedge*
Name: _____
Address: _____
P. O. Box
Spencer IN
47460

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF INDIANA)
COUNTY OF OWEN) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6 day of June, 1991, personally appeared JAMES T. COPPEDGE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Yvonne French
Notary Public

My Commission Expires:
June 13, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: Robert G. Thornton
Name: _____
Address: _____
Robert G. Thornton
805 Los Piedros
Los Alamos, N.M. 87544

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Sandoval } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Robert G. Thornton and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sue B. Hubbs
Notary Public

My Commission Expires:
8/30/90

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29 day of May, 1991.

By: Luan Thorstad
Name: _____
Address: _____
251 Holiday
Oceanside, Ca
92057

By: _____
Name: _____
Address: _____

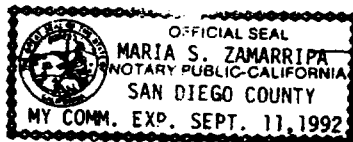
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA }
COUNTY OF SAN DIEGO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of MAY, 1991, personally appeared SUSAN THORSTAD and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
Sept 11, 1992



Maria S. Zamarripa
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27 day of May, 1991.

By: Nancy A. Corner
Name: Custodian for
Address: Scott A. Corner

10 Thomas Paine Rd
Morris Town, NJ 07960

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Jersey }
COUNTY OF Morris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of May, 1991, personally appeared NANCY A. CORNER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Cecelia F. McDADE
Notary Public
CECELIA F. McDADE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 4, 1994
ID #2057003

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4 day of June, 1991.

By: Mattie F. Moore
Name: MATTIE FRANCES MOORE
Address:
1323 E. Central
Amarillo, Tx. 79108

By: Lee Roy Moore
Name: LEE ROY MOORE SR.
Address:
1323 E. Central
Amarillo, Tx. 79108

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

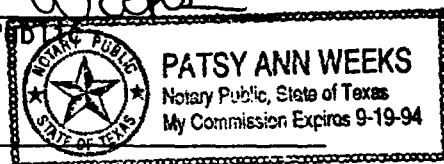
STATE OF TEXAS)
COUNTY OF POTTER) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4 day of JUNE, 1991, personally appeared MATTIE FRANCES MOORE and LEE ROY MOORE SR. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 9-19-94

Patsy Ann Weeks
Notary Public



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4 day of June, 1991.

By: Hortense Moore
Name: Hortense Moore
Address:
P. O. Box 25
Pearsall, Texas 78061

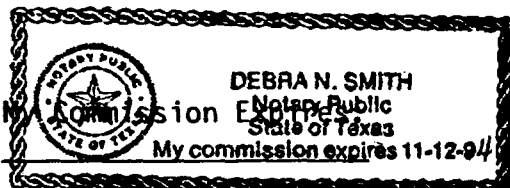
By: Emmett Moore
Name: Emmett Moore
Address:
P. O. Box 25
Pearsall, Texas 78061

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF FRIO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Hortense Moore and husband, Emmett Moore to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Debra N. Smith
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Nancy C. Grath
Name:
Address:

By: David R. Heath
Name:
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

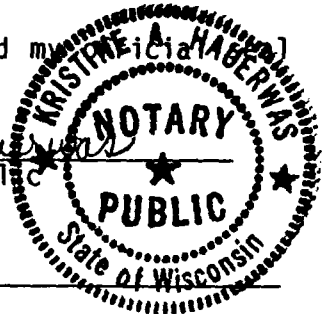
STATE OF Wisconsin }
COUNTY OF Lauver } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
2/14/93

Kristine A. Haug
Notary Public



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: [Signature]
Name: EDITH B. GREER
Address: 436 CERRIL MAR LANE
APT 380
VENICE, FL 34293

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA)
COUNTY OF SARASOTA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3RD day of JUNE, 1991, personally appeared EDITH B. GREER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: Notary Public, State of Florida
My Commission Expires April 23, 1993
Bonded Three Troy Poin - Insurance Inc.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

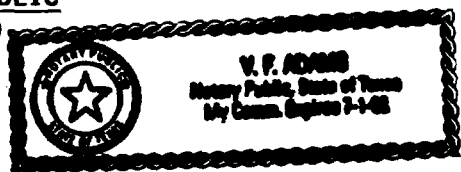
EXECUTED this 2nd day of June, 1991.

By: Dan E. Holland
Name: Dan E. Holland
Address: 3212 Sinclair
Midland, Texas 79705

By: Dorothy S. Holland
Name: Dorothy S. Holland
Address: 3212 Sinclair
Midland, Texas 79705

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF Midland) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of June, 1991, personally appeared Dan E. Holland and Dorothy S. Holland to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

V. F. Adams
Notary Public

My Commission Expires:
7-1-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

MARVIN N. ROSEN TRUSTEE
OF THE LAURA C. DAMSON
TRUST F/a/o LAURA C. DAMSON

By: x Laura C. Damson
Name: Laura C. Damson
Address: LAURA C. DAMSON
401 E 80 STREET
NY NY 10011 apt 5D

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NY)
COUNTY OF NY) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 30 day of May, 1991, personally appeared Laura C. Danson
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that she
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

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

My Commission Expires: 8/1/92

Charles Miccoli
Notary Public, CHARLES MICCOLI
Notary Public, State of New York
No. 4939071
Qualified in Westchester County
Commission Expires August 8, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: Sandra Lee Ponder By: _____

Name: _____ Name: _____

Address: _____ Address: _____

SANDRA LEE PONDER
71 GLEN ABBEY
ABILENE, TX 79604

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Taylor } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Sandra Lee Ponder and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Nancy Moore
Notary Public

My Commission Expires:

10-26-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

By: Charlotte Kay Karshaw
Name: _____
Address: _____
P.O. Box 3142
La Mesa, California
91944

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

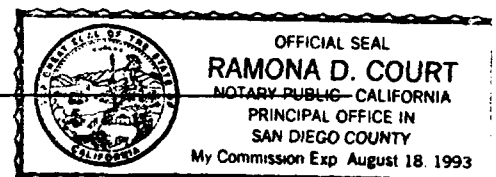
STATE OF California
COUNTY OF San Diego SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of May, 1991, personally appeared Charlotte Kay Karshaw and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

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

Ramona D. Court
Notary Public

My Commission Expires:
8-18-93



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: *Dorothy Higginbotham*
Name:
Address:
Dorothy Higginbotham
417 W. Pinkley
Coolidge AZ 85228

By: *Bill Higginbotham*
Name:
Address:
Bill Higginbotham
417 W. Pinkley
Coolidge AZ 85228

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Ariz. }
COUNTY OF Maricopa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of May, 1991, personally appeared Bill Higginbotham and Dorothy Higginbotham to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Jeri L. Higginbotham
Notary Public

My Commission Expires:
07/09/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: J.L. Thornbrough
Name: J.L. Thornbrough
Address: 333 S. 14th
Clinton, OK 73601

By: Martha Nell Roach Thornbrough
Name: Martha Roach Thornbrough
Address: 333 S. 14th
Clinton, OK 73601

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF CUSTER) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared Martha Nell Roach Thornbrough and J. L. Thornbrough to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Blanche Ross
Notary Public

My Commission Expires:
9-29-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: David Allen Smith
Name: _____
Address: David Allen Smith
1806 Field Drive
Enid, OK 73703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF ALFALFA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of MAY, 1991, personally appeared DAVID ALLEN SMITH and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Shelli J. Hopkins
Notary Public

My Commission Expires:
13 APRIL 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1st day of June, 1991.

By: Richard D. Edson Jr
Name: _____
Address: _____
9801 LARSTON
HOUSTON TEXAS
77055-6119

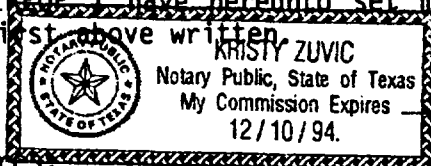
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1 day of June, 1991, personally appeared Richard D. Edson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Kristy Zuvic
Notary Public

My Commission Expires: 12/10/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

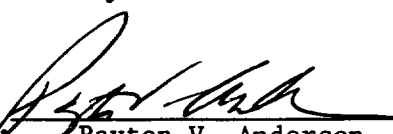
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

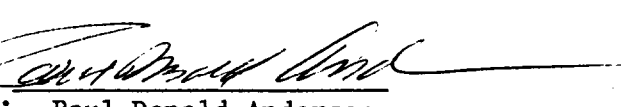
In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30th day of May, 1991.

By: 
Name: Payton V. Anderson
Address: P. O. Box 136
Midland, Tx 79702

By: 
Name: Paul Donald Anderson
Address: P. O. Box 136
Midland, Tx 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF MIDLAND } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared PAYTON V. ANDERSON, and PAUL DONALD ANDERSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public Evelyn L. Thornton

My Commission Expires:
6-15-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: Dorothy Jean Lundeen
Name: Co-Executor of Estate of Lily D. Fuller
Address: 4304 Harbor House Dr.
Hampden, Fla. 33615

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Hillsborough } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Dorothy Jean Lundeen and [Signature] to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Florida }
COUNTY OF Hillsborough } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Dorothy Jean Lundeen

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Executrix, Estate of Lily D. Fuller.

and acknowledged to me that she executed the same as a free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: _____

NOTARY PUBLIC, STATE OF FLORIDA
MY COMMISSION EXPIRES: MAY 20, 1992
BONDED THRU NOTARY PUBLIC UNDERWRITERS

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: _____
Name: _____
Address: _____

By: John B. Pickford
Name: by J. B. Pickford, Atty-in-fact
Address: _____
John B. Pickford
350 N St Paul Suite 1402
Dallas TX 75201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF DALLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared N. Thomas DeWes, A-T-F and John R. Grimes to me known to be the identical person(s), who executed the foregoing instrument and acknowledged to me that he executed it for the purposes and content therein expressed.

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

My Commission Expires 2-2

STATE OF _____
COUNTY OF _____

THIS IS THE INTEREST OF
JOHN R. GRIMES
MINERAL MANAGEMENT DIVISION
TRUST/OIL
1450 JONES CENTRE
DALLAS, TX. 75201
TEXAS 88 & 113 COLEMAN

Official seal

Beeth

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: W H Balch
Name: _____
Address: _____
NCNB TEXAS NATIONAL
BANK TRUSTEE FOR TRUST #2073
P O BOX 270
MIDLAND, TX 79702

By: I called the
Name: bank.
Address: This is
Retrust Corp.

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

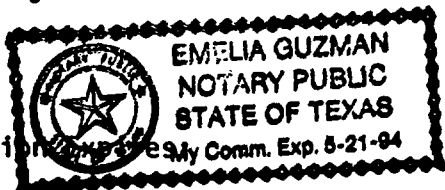
(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF MIDLAND } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared

W. H. BOLCH
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Manager Trust Oil and Gas for NCNB TEXAS NATIONAL BANK and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires: _____

Emelia Guzman
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

LEAVELL MINERAL RESOURCES, INC.

By: Clifford J. Roberts, Jr.
Name: Clifford J. Roberts, Jr.
Address:
4401 N. Mesa, Suite 200
El Paso, Texas 79902

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF El Paso) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared
Clifford J. Roberts, Jr.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Jennifer L. Pass
Notary Public

My Commission Expires:
1/26/93



JENNIFER L. PASS, Notary Public
In and for the State of Texas
My commission expires _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Joan Gentry
Name: _____
Address: 2725 E. 22nd St
Tulsa, OK 74114

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF TULSA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of MAY, 1991, personally appeared JOAN GENTRY and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Billie S. Mitchell
Notary Public

My Commission Expires:
11-28-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Robert C. Lambert
Name: _____
Address: _____
ROBERT C. LAMBERT
PO BOX 4302
FRESNO, CA 93744-4302

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Fresno } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Robert C. Lambert and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 4-29-94



OFFICIAL SEAL
MARILYN E. BETTS
NOTARY PUBLIC - CALIFORNIA
FRESNO COUNTY
My commission expires Apr. 29, 1994

Marilyn E. Betts
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Celia W. Darsey
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

114 Jackalberry Rd
Lafayette, LA 70503

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF LOUISIANA
PARISH }
COUNTY OF LAFALETTE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of MAY, 1991, personally appeared Celia W. Darsey and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Kimberly Elizabeth Miller
Notary Public

My Commission Expires: with life

Kimberly Elizabeth Miller
Notary Public
Lafayette Parish, Louisiana
My Commission Is For Life

(CORPORATION ACKNOWLEDGEMENT)

STATE OF LOUISIANA
COUNTY OF LAFALETTE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of MAY, 1991.

By: [Signature] VICE PRES.

Name:

Address:

MC-TEX SUPPLY CO.
Box 2070
Hobbs, Nm 88240

By: _____

Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF New Mexico }
COUNTY OF Lea } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Mark Vitell

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: _____

1-23-95

RATIFICATION AND JOINDER ER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

CHARLES F. DOORNBOS REVOCABLE TRUST

By: [Signature]
Name: Charles F. Doornbos, Trustee
Address: P. O. Box 639
Bartlesville, OK 74005
Tax No. 73-1366732

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF WASHINGTON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Charles F. Doornbos and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth., as Trustee.

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

[Signature]
Sue Abbe - Notary Public

My Commission Expires:
January 25, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Francis Spryell Jennings
Name: _____
Address: _____
4017 E. Kilburn
Tucson, Arizona
85711

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA }
COUNTY OF PIMA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared FRANCIS SPRYELL JENNINGS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
~~My Commission Expires Sept. 30, 1993~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: _____
Name: _____
Address: _____

By: William H. Elson, Jr.
Name: William H. Elson, Jr.
Address: ELSON OIL COMPANY
20 EAST 5TH, SUITE 100
TULSA, OK 74103

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared William H. Elson, Jr. Partner and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Susan H. Cook
Notary Public

My Commission Expires:
January 5, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: <u><i>Stanley J. McKinney</i></u> Name: <u>Stanley J. McKinney</u> Address: <u>HCR 84 Box 20044</u> <u>Edgewood, NM 87015</u>	By: _____ Name: _____ Address: _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico
COUNTY OF Bernalillo } SS:

Before me, the undersigned, a Notary Public in and for said County, and State, on this 17 day of May, 1991, personally appeared Stanley J. McKinney and _____ to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Betty J. Furrer
Notary Public

My Commission Expires: 8 Jan 94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: <u>John William Field, Jr.</u> Name: John William Field, Jr. Address: <u>5206 S HARVARD AVE STE 218</u> <u>TULSA OK 74135-3566</u>	By: _____ Name: _____ Address: _____ _____ _____
---	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared John William Field, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Paul S. Doyen
Notary Public

My Commission Expires:
March 9, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20TH day of MAY, 1991.

By: Cecily A. Goldie
Name: SECRETARY, BOARD
Address: OF DIRECTORS OF
LARAMIE PLAINS MUSEUM ASSN.
603 WINSON AVE.
LARAMIE, WY 82070

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Wyoming)
COUNTY OF Albany) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared
Cecily A. Goldie

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Secretary, Board of Directors
of Laramie Plains Museum Association
and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

My Commission Expires: _____



Karla J. Ruffi
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: _____
Name: _____
Address: _____

By: Malcolm H. Cohen
Name: Malcolm H. Cohen
Address: _____
P. O. Box 6738
San Antonio, TX 78209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Malcolm H. Cohen and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
11/10/93

Karen J. Sanchez
Notary Public
Karen J. Sanchez

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: <u><i>Mack Easley</i></u>	By: _____
Name: <u>Mack Easley</u>	Name: _____
Address: <u>10909 Country Club Dr. N.E.</u>	Address: _____
<u>Albuquerque, N.M.</u>	_____
<u>8711-6548</u>	_____

NOTARY PUBLIC
NEW MEXICO
1991 MAY 20

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Mack Easley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Louise Wise
Notary Public

My Commission Expires:
10-14-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Kenneth N. Headley
Name: Kenneth N. Headley
Address: P.O. Box 1359
Tijeras, N.M. 87059

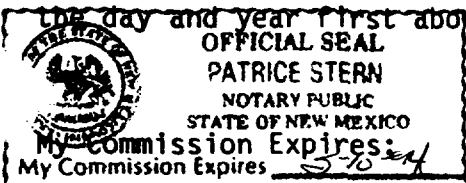
By: Barbara Headley
Name: Barbara Headley
Address: P.O. Box 1359
Tijeras, N.M. 87059

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Bernalillo } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Kenneth Headley and Barbara Headley to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Patrice Stern
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Betty B. Martin
Name:
Address:
Betty B. Martin
310 Meadow Lane
Somerville, TN 38068

By: Joseph R. Martin
Name:
Address:
Joseph R. Martin
310 Meadow Lane
Somerville, TN 38068

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Tennessee }
COUNTY OF Fayette } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Betty B. Martin and Joseph R. Martin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Herbert Atkinson
Notary Public

My Commission Expires:
03-27-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Daniel L. Gutman
Name: _____
Address: 239 East 79th Street
New York City 10021
Daniel L. Gutman (Individual)
239 East 79th Street
New York City 10021

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.Y. }
COUNTY OF Richmond } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of MAY, 1991, personally appeared DANIEL L. GUTMAN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
AUG. 31, 1992

Rita Sloan
Notary Public Notary Public, State of New York
No. 42-4815360
Qualified in Richmond County
Commission Expires March 31, 1992
AUG. 31

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: _____
Name: _____
Address: _____

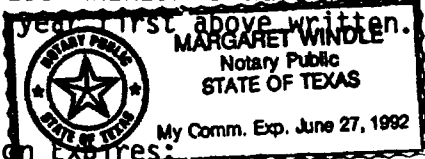
By: Joy Lipsky Burk
Name: JOY LIPSHY BURK
Address: 5102 SOUTHBROOK DR.
DALLAS TX 75209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of _____, 1991, personally appeared Joy Lipsky Burk and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Margaret Windle
Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: [Signature]
Name: TIMOTHY T. LEONARD
Address: P. O. Box 6006
San Antonio, Texas 78209

By: X [Signature]
Name: PATRICIA ANNE LEONARD
Address: P. O. Box 6006
San Antonio, Texas 78209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared TIMOTHY T. LEONARD and PATRICIA ANNE LEONARD to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]

Ervin W. Svoboda

Notary Public in and for
the State of Texas

My Commission Expires:
March 31, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

Penn Royalty Co.

By: _____
Name: _____
Address: _____

By: Robert W. Waring, Pres
Name: Robert W Waring
Address: 411 Oil And Gas Bldg
110 N. Robinson
OKLA CITY, OK 73102

ACCU
COUNTY OF LEA
STATE OF NEW MEXICO
MAY 17 1991

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May 1991, personally appeared Robert W. Waring

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: Oct 25, 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: _____
Name: _____
Address: _____

By: Irene P. Cohen
Name: Irene P. Cohen
Address: _____
P. O. Box 6738
San Antonio, TX 78209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Irene P. Cohen and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:

11/10/93

Karen J. Sanchez
Notary Public
Karen J. Sanchez

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17TH day of MAY, 1991.

By: Kathryn H. McCormick
Name:
Address:

KATHRYN H. MCCORMICK
2905 SAN PABLO N.E.
ALBUQUERQUE, NM 87110

By: William J. McCormick
Name:
Address:

WILLIAM J. MCCORMICK
2905 SAN PABLO N.E.
ALBUQUERQUE, NM 87110

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17TH day of MAY, 1991, personally appeared KATHRYN H. MCCORMICK and WILLIAM J. MCCORMICK to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires June 19, 1991

 OFFICIAL SEAL
MARY K. SMITH
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed With Secretary of State
My Commission Expires June 19, 1991

Mary K. Smith
Notary Public

(CORPORATION ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: _____
Name: _____
Address: _____

By: Eunice Cone Gibson
Name: Eunice Cone Gibson
Address: _____
5716 Burning Tree
El Paso, Texas 79912

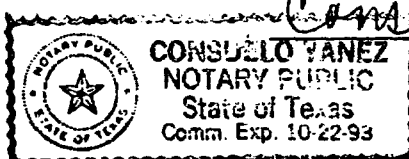
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF El Paso } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared Eunice Cone Gibson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
10-22-93



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Martha Nickson

Name:

Address:

Martha Nickson

P.O. Box 10352

Midland, Tx. 79702

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }

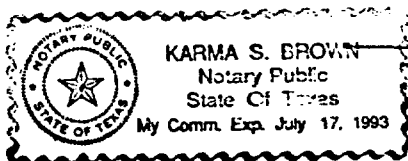
SS:

COUNTY OF Midland }

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Martha Nickson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 07/17/93



Karma Brown
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }

SS:

COUNTY OF _____ }

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of MAY, 1991.

By: _____
Name: _____
Address: _____

By: [Signature]
Name: _____
Address: _____
S.E. CONE, JR
P.O. BOX
LUBBOCK, TX 79408

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF LUBBOCK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of MAY, 1991, personally appeared S.E. CONE, JR. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
7-13-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of MAY, 1991.

By: William R. Bergman
Name: WILLIAM R. BERGMAN, VICE-PRES.
Address:
CHI ENERGY, INC.
P. O. BOX 1799
MIDLAND, TEXAS 79702

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

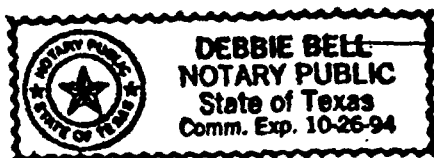
STATE OF TEXAS }
COUNTY OF MIDLAND } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of MAY 1991, personally appeared
WILLIAM R. BERGMAN

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its VICE-PRESIDENT

and acknowledged to me that HE executed the same as HIS free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



My Commission Expires: _____

Debbie Bell
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: John F. Quinn

Name:

Address:

305 Los Arboles
Santa Fe, N.M.
87501

By: Joseph M. Quinn

Name:

Address:

305 Los Arboles
Santa Fe, N.M.
87501

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico
COUNTY OF Santa Fe

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared John F. Quinn and Joseph M. Quinn to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



OFFICIAL SEAL

MARIE Y. ANAYA

Marie Y. Anaya
Notary Public

My Commission Expires: December 21, 1994
My Commission Expires 12-21-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of MAY, 1991.

By: _____

Name: _____

Address: _____

RICHARD MOSELEY

2211 ALSTON

FORT WORTH, TX 76110

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

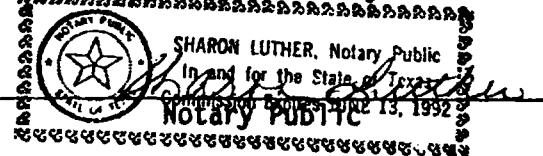
STATE OF TEXAS }

SS:

COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared RICHARD MOSELEY and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: _____

6/13/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }

SS:

COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17TH day of MAY, 1991.

By: S. William Grew
Name: Partner
Address:

S. William Grew
374 KEN A BLVD
101 KEN A BLVD
NEW YORK, NY 10017

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW YORK }
COUNTY OF NEW YORK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17TH day of MAY, 1991, personally appeared

S. William Grew

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PARTNER

and acknowledged to me that HE executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

B. Rosenblatt
Notary Public

My Commission Expires: 3/3/93

BRUCE ROSENBLATT
Notary Public, State of New York
No. 31-4779107
Qualified in New York County
Term Expires March 31, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: Ariel M. Johnson
Name: Ariel M. Johnson
Address: 7220 Via de la Siesta
Scottsdale, AZ 85258

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona } SS:
COUNTY OF Maricopa

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared Ariel M. Johnson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Rose S. Smith
Notary Public

My Commission Expires:
My Commission Expires May 31, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ } SS:
COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: *Douglas P. Wright*
Name: Douglas P. Wright
Address: 9807 Wrangler Drive
Sun City, AZ. 85373

By: *Grace M. Wright*
Name: Grace M. Wright
Address: 9807 Wrangler Drive
Sun City, AZ. 85373

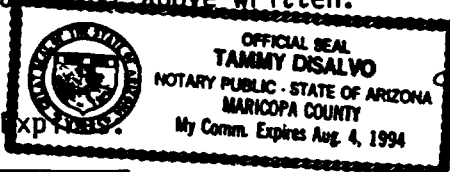
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona SS:
COUNTY OF Maricopa

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Douglas P. Wright and Grace M. Wright to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires



Tammy Disalvo
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of May, 1991.

By: Charles M. Miller
Name: CHARLES M. MILLER
Address: 3412 E. Oregon
Phoenix, AZ
85018

By: Janice Miller
Name: Janice Miller
Address: 3412 East Oregon
Phoenix, Arizona 85018

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona }
COUNTY OF Maricopa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of May, 1991, personally appeared Charles M. Miller and Janice Miller to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

James Crawford
Notary Public

My Commission Expires:
My Commission Expires Aug. 17, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: Robert H. Hannifin
Name: Robert H. Hannifin
Address: P. O. Box 218
Midland, Texas 79702

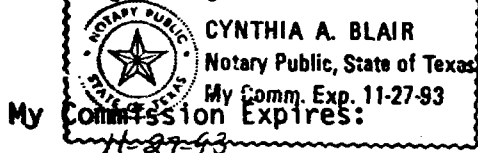
By: Maxine B. Hannifin
Name: Maxine B. Hannifin
Address: P. O. Box 218
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Midland) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of May, 1991, personally appeared Robert H. Hannifin and Maxine B. Hannifin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Cynthia A. Blair
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.


By: <u>Elizabeth E. McGillicuddy</u>	By: _____
Name: <u>ELIZABETH E. MCGILLICUDDY</u>	Name: _____
Address: <u>11711 Memorial Dr. #269</u>	Address: _____
<u>Quota, N. 77024</u>	_____
_____	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Elizabeth McGillicuddy and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: <u>7-16-91</u>		LYNDA WARREN Notary Public, State of Texas My Commission Expires <u>7-16-91</u>	<u>Lynda Warren</u> Notary Public
---------------------------------------	---	---	--------------------------------------

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

- RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

J. D. S. Kyle Jr.
By: John S. Kyle Jr.
Name: _____
Address: _____
1601 W. Sonoma Ave. #206
Parma, TX 79065

By: _____
Name: _____
Address: _____

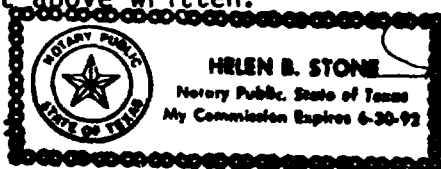
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Gray } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared John S. Kyle and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 6/30/92



Helen B. Stone
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18 day of May, 1991.

By: Noel Wood
Name: NOEL WOOD
Address: P.O. Box 9637
Santa Fe NM
87504

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Santa Fe } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18 day of May, 1991, personally appeared Noel Wood and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
12 February 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: Edith L. Keiser
Name: Edith L. Keiser
Address: P.O. Box 1468
Brookings, OR 97415

By: Ralph A. Keiser
Name: RALPH A. KEISER
Address: P.O. Box 1468
BROOKINGS, OR 97415

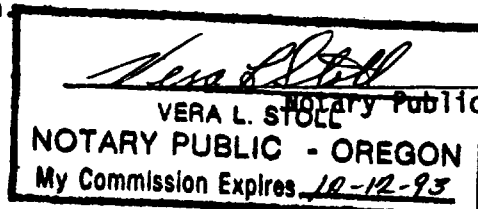
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon }
COUNTY OF Curry } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Edith L. Keiser and Ralph A. Keiser to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of MAY, 1991.

By: [Signature]

Name:

Address:

IRVING L. FELTMAN TRUST

362 Rolling Rock Road
Mountainside, NJ 07092

By: [Signature]

Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW YORK)
COUNTY OF NEW YORK)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of MAY, 1991, personally appeared ROY S. FELTMAN and ODETTE B. FELTMAN to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: KEVIN M. J. O'CONNOR
Notary Public, State of New York
No. 31-4865354
Qualified in New York County
Commission Expires July 14, 1992

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Jeanine Waldman Mammoth
Name:
Address:
JEANINE WALDMAN MAMMOTH
11584 NEW LONDON
CREVE COEUR, MO. 63141

By: Michael M. Mammoth
Name:
Address:
MICHAEL M. MAMMOTH
11584 NEW LONDON
CREVE COEUR, MO. 63141

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Missouri }
COUNTY OF Lancaster } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Jeanine Waldman Mammoth and Michael M. Mammoth to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Marie G. Bader
NOTARY PUBLIC STATE OF MISSOURI
My Commission Expires OCT 4, 1998

Marie G. Bader
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: _____
Name: _____
Address: _____

H.M. DOW TRUST
UNITED NEW MEXICO TRUST CO., TRUSTEE
By: Winnie Kelly
Name: Winnie Kelly, Trust Officer
Address: _____
P.O. Box 5614
Hobbs, NM 88241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF New Mexico }
COUNTY OF Lea } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Winnie Kelly

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trust Officer

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Grady McLowman
Notary Public

My Commission Expires:
11-25-91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

By: Dwain F. McGlothlin
Name: _____
Address: _____

Dwain F. McGlothlin
90 SECURITY PACIFIC BANK
DEP B/C # 360002306
P.O. Box 11500 - Reno, NV. 89550

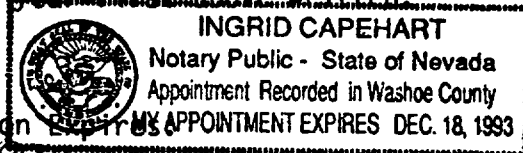
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Nevada }
COUNTY OF Washoe } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Dwain F. McGlothlin and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Ingrid Capehart
Notary Public

My Commission Expires Dec. 18, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18 day of MAY, 1991.

By: B. Botsford Young Jr.
Name: B. BOTSFORD YOUNG JR.
Address:

15 N. SHERIDAN RD.
LAKE FOREST, ILL. 60045

By: Ann T. Young
Name: Ann T. Young
Address:

Ann T. Young
15 N. Sheridan Rd.
LAKE FOREST, ILL. 60045

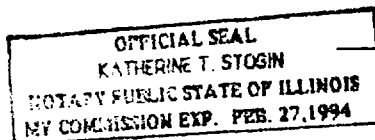
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ILLINOIS }
COUNTY OF LAKE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18 day of MAY, 1991, personally appeared B. BOTSFORD YOUNG JR. and Ann T. Young to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: FEB 27, 1994



Katherine T. Stogin
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: H. V. Bowden

Name: H. V. (HUGH) BOWDEN
Address: 902 THORPE ROAD
LAS CRUCES, N.M. 88005

By: Mary K. Bowden

Name: MARY K. BOWDEN
Address: 902 THORPE ROAD
LAS CRUCES, N.M. 88005

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Dona Ana) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Mary K. Bowden and Hugh Bowden to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:

10-05-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: Tom Tutton
Name: TOM TUTTON
Address: 2/4 Oldknow Road
Marple, Stockport
Cheshire, England
Director and Secretary of
W.E.F. Holding Inc. of same address

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF ENGLAND }
GREATER } SS:
COUNTY OF MANCHESTER }

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May 1991, personally appeared
Tom Tutton

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Director and Secretary

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Shirley A. Shindell
Notary Public

My Commission Expires:
Perpetual

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Con A. Phillips
Name: _____
Address: _____
Con A. Phillips
107 Oak Hollow Ct.
Raleigh, N.C. 27613

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N. Carolina }
COUNTY OF Wake } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Con A. Phillips and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Carolyn Braddy
Notary Public

My Commission Expires:
10-2-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By:

Name:

Address:

9948 120th St N
Seminole FL
34642

By:

Name:

Address:

9948 120th St N
Seminole FL
34642

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Rae L. Lamm

Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: DEC. 14, 1991.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25th day of May, 1991.

By: Ward Paxton
Name: _____
Address: WARD PAXTON
1029 Spaight St. Gc
MADISON, WIS. 53703

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WIS.)
COUNTY OF DANE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25th day of May, 1991, personally appeared Ward Paxton and Debra to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: for 3 years

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of MAY, 1991.

By: _____
Name: _____
Address: _____

By: David J. Flackman
Name: _____
Address: _____
DAVID J. FLACKMAN
c/o THE BANK OF NEW YORK
BOX 11,200
NEW YORK, N.Y. 10049

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CONNECTICUT }
COUNTY OF FAIRFIELD } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of MAY, 1991, personally appeared DAVID J. FLACKMAN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

MONICA M. OBUCHOWSKI
NOTARY PUBLIC
MY COMMISSION EXPIRES APR. 30, 1998

My Commission Expires: _____

Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Frances Self Klepper Jodi Ann Kearney
Name: FRANCES SELF KLEPPER By: _____
Address: _____ Name: _____
Address: _____

4901 HOLT
BELLAIRE TX 77401

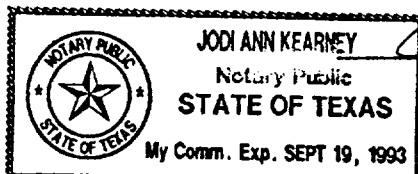
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF HARRIS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Frances Self Klepper and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
Sept. 19, 1993



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

WJ, TRACT 151

By: _____
Name: _____
Address: _____

By: Rylynn J. Trustee
Name: Ray B. Burton SR + OPAL
Address: BURTON REVOCABLE TRUST

Box 978
Hobbs, NM 88241

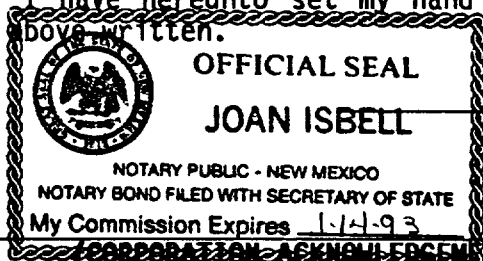
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM }
COUNTY OF LEA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared Rylynn J. Trustee and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 1-14-93



Joan Isbell
Notary Public

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: Gwen Bolding
Name: _____
Address: _____

By: G.H. Bolding
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF San Juan } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Gwen Bolding and G.H. Bolding to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Donna L. Avery
Notary Public

My Commission Expires:

2/6/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of MAY, 1991.

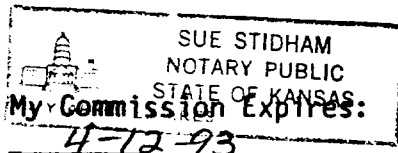
By: <u>Charles Herbert Eugene Lawrence</u> Name: <u>Lawrence</u> Address: <u>CHARLES HERBERT EUGENE LAWRENCE</u>	By: <u>Eva Lea Lawrence</u> Name: <u>Lawrence</u> Address: <u>EVA LEA LAWRENCE</u>
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF KANSAS)
COUNTY OF CHAUTAUQUA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of MAY, 1991, personally appeared Charles Herbert Eugene Lawrence and EVA LEA LAWRENCE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Sue Stidham
Notary Public

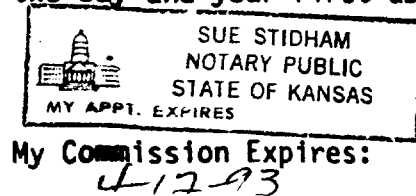
(CORPORATION ACKNOWLEDGEMENT)

STATE OF KANSAS)
COUNTY OF CHAUTAUQUA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of MAY, 1991, personally appeared Charles Herbert Eugene Lawrence & EVA LEA LAWRENCE to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



Sue Stidham
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21ST day of MAY, 1991.

By: Frank A. Seeton
Name: Frank A. Seeton
Address:
1815 Union Drive
Lakewood, CO 80215

By: Mary Helen Seeton
Name: Mary Helen Seeton
Address:
1815 Union Drive
Lakewood, CO 80215

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Jefferson) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Frank A. Seeton and Mary Helen Seeton to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that ~~they~~ executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
May 15, 1993

Barbara K. Wojcik
Notary Public
12601 W. 32nd Ave.
Wheat Ridge, CO 80033

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

ATTEST:

BAPTIST FOUNDATION OF TEXAS

By: Jane Bagley
Name: Assistant Secretary
Address: _____

By: Calvin B. Reeves
Name: Calvin B. Reeves, Vice President
Address: _____

Legal
JB

BAPTIST FOUNDATION OF TEXAS

2001 BRYAN, SUITE 1500

DALLAS, TX 75201-3082

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May 1991, personally appeared
Calvin B. Reeves

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



JANICE K. OLSON, Notary Public
In and for The State of Texas
My Commission Expires 3-26-93

My Commission Expires: _____

Janice K. Olson
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: <u><i>Odell L. Lowe</i></u> - TRUSTEE Name: Odell L. Lowe- Trustee Address: Haley Lowe <u>1500 Broadway, Suite 1230</u> <u>Lubbock, Texas 79401</u>	By: _____ Name: _____ Address: _____ _____ _____
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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Odell L. Lowe and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Ruth C. Wilson
Notary Public
Ruth C. Wilson

My Commission Expires:
6/22/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Lisa J Roberts
Name: Lisa J Roberts Secretary
Address: _____

By: F Mark Roberts
Name: President F Mark Roberts
Address: PO Box 18967
OK City OK 73154

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OK)
COUNTY OF OK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20 day of May, 1991, personally appeared F Mark Roberts

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Linda Jefferson
Notary Public

My Commission Expires: June 25 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: _____
Name: _____
Address: _____

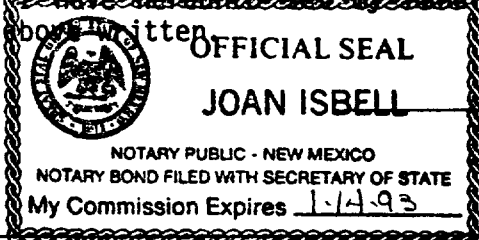
By: Roy B. Barton Jr.
Name: General Bartone
Address: BARTON BROS.
Box 970
Hobbs NM 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM }
COUNTY OF LEA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Roy B. Barton Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: 1-14-93

Joan Isbell
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Elaine B. Lewis, Trustee
Name: _____
Address: Elaine B. Lewis, TRUSTEE
P. O. Box 952
Longview, Texas 75606-0952

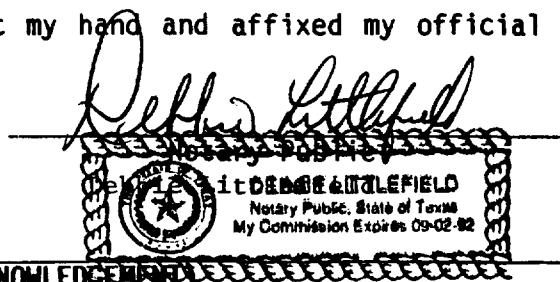
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Gregg) SS: 465-20-9185

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Elaine B. Lewis and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
9-2-92



(CORPORATION ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS: 465-20-9185

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

By: _____
Name: _____
Address: _____

By: *Ray G. Barton Jr.*
Name: _____
Address: Bex 978
Hobbs NM 88241

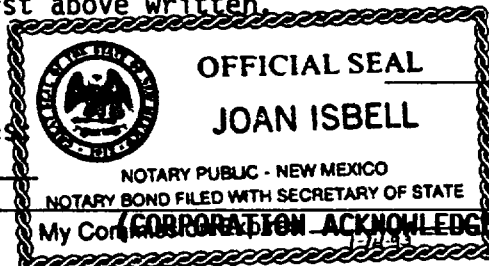
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM)
COUNTY OF LEA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared Ray G. Barton Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 1-14-93



Joan Isbell
Notary Public

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

By: Margaret E. Artis
Name: MARGARET E. ARTIS
Address: 3065 S. Wentworth Av
MILWAUKEE
WISCONSIN 53207

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WISCONSIN }
COUNTY OF MILWAUKEE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared MARGARET E. ARTIS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: PERMANENT

James L. Warr
Notary Public
MILWAUKEE CO., WIS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Martha Laughlin Williams
Name: Martha Laughlin Williams
Address: 30019 Saticoy Street
Canoga Park, California
91306

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California
COUNTY OF Los Angeles SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Martha Laughlin Williams and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: June 22, 1994

OFFICIAL SEAL
SHERRY DA PRON
NOTARY PUBLIC CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires June 22, 1994

Sherry Da Pron
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Artyce Aronson Colen
Name: Artyce Aronson Colen
Address:
8111 Preston Rd.
Suite 801
Dallas, Texas 75225

By: William J. Colen
Name: William J. Colen
Address:
8111 Preston Rd.
Suite 801
Dallas, Texas 75225

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Artyce Aronson Colen and William J. Colen to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary Taylor
Notary Public

My Commission Expires:
4-30-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of MAY, 1991.

By: _____
Name: _____
Address: _____

ROSEMARY R. LUDY TRUST

U/A DTD. 3/26/82

JOYCE RAWLINSON, TRUSTEE

By: _____

Name: _____

Address: _____

J. Rawlinson

Room 1130

621 S.W. Morrison

Portland, OR 97205

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon

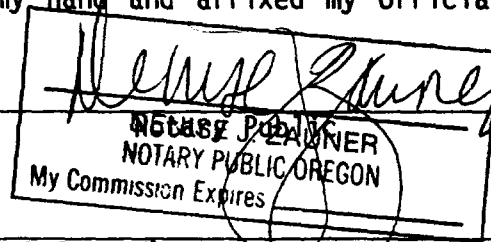
COUNTY OF Multnomah

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of May, 1991, personally appeared Joyce Rawlinson and Rosemary R. Ludy Trust to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 1-23-94



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

TEXARO OIL COMPANY

By: William J. Colen
Name: William J. Colen, Pres.
Address:
8111 Preston Rd.
Suite 801
Dallas, Texas 75225

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared William J. Colen of Texaro Oil Company

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Mary Taylor
Notary Public

My Commission Expires:
4-30-93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Michael L. Stephens
Name:
Address:

Michael L. Stephens
4221 East
Waco, Tex 76710

By: Gail Stephens
Name:
Address:

Gail Stephens
4221 East
Waco, Tx 76710

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas
COUNTY OF McHenry SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Michael L. Stephens and Gail Stephens to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dorothy F. Holts
Notary Public

My Commission Expires:
2/20/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Irma Aronson Grossman
Name: Irma Aronson Grossman
Address:
8111 Preston Rd.
Suite 801
Dallas, Texas 75225

By: Irwin Grossman
Name: Irwin Grossman
Address:
8111 Preston Rd.
Suite 801
Dallas, Texas 75225

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Irma Aronson Grossman and Irwin Grossman to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mary Taylor
Notary Public

My Commission Expires:
4-30-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

Joseph E. Stafford

By: Joseph E. Stafford
Name: Joseph E. Stafford
Address: 90 Montcalm

Village of Fort Gray

By: Carthy B. Stafford
Name: Carthy B. Stafford
Address: 90 Montcalm

Fort Gray, NM
12805

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York }
COUNTY OF Warren } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Joseph E. Stafford and Carthy B. Stafford to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

WANDA G. WITT
Notary Public, State of New York
Warren County #4609407
My Commission Expires 5/31/93

Wanda G. Witt
Notary Public

My Commission Expires 5/31/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: _____
Name: _____
Address: _____

UNITED PRESBYTERIAN HOME

By: James E. Lloyd
Name: James E. Lloyd, President
Address: 1203 East Washington Street
Washington, Iowa 52353

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF IOWA)
COUNTY OF WASHINGTON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared
James E. Lloyd

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Richard B. Colby
Notary Public

My Commission Expires:
April 24, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

By: Bob Laughlin
Name:
Address: BOB LAUGHLIN
3128 Thornton Ln.
Temple, TX. 76502

By: Bonnie Laughlin
Name:
Address: BONNIE LAUGHLIN
3128 Thornton Ln.
Temple, TX. 76502

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF BELL } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May 1991, personally appeared BOB LAUGHLIN and BONNIE LAUGHLIN to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: 7/28/91

Eddie L. Laughlin
Notary Public
Eddie L. Laughlin

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Bell } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Ora Mae Stafford
Name: _____
Address: 11319 Sage Oak
Houston Texas
77089

By: Robert W. Stafford
Name: _____
Address: Same

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Harris) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Ora Mae Stafford and Robert W. Stafford to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Debra Kay Williams
Notary Public
DEBRA WILLIAMS
Notary Public, State of Texas
My Commission Expires 4-10-94

My Commission Expires: 4-10-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Barbara L. Hall
Name: BARBARA L. HALL
Address: 911 8th AV NW
GREAT FALLS, MT. 59404

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Montana)
COUNTY OF Cascade) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Barbara L. Hall and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Darcy Fuller
Notary Public

My Commission Expires:
7-24-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Steven C. Yates
Name: Steven C. Yates
Address: P.O. Box 581613
Tulsa OK 74158

By: Rhonda Yates
Name: Rhonda Yates
Address: P.O. Box 581613
Tulsa OK 74158

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Steven C. Yates and Rhonda Yates to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:

3-10-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: James L. Phillips
Name: James L. Phillips
Address: 428-23rd Ave NE
Great Falls, MT 59404

By: Barbara J. Phillips
Name: Barbara J. Phillips
Address: 428-23rd Ave NE
Great Falls, MT 59404

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Montana }
COUNTY OF Cascade } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared James L. Phillips and Barbara J. Phillips to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
4-21-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: David E. Faughlin
Name: _____
Address: _____
RT 1 BOX 1530
CHANDLER
TX. 75758

By: Glenn Faughlin
Name: _____
Address: _____
RT. 1, Box 1530
CHANDLER,
TX. 75758

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Henderson) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared David E. Faughlin and Glenn Faughlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Bobby Murphy
Notary Public

My Commission Expires:
12-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

First National Bank at Lubbock, as
Trustee of the Walter and Hallie Posey Trust

By: Don A. Schroeder

Name: Don A. Schroeder, Trust Officer
Address:

P.O. Box 1241
Lubbock, TX 79408-1241

ATTEST:

By: Wanda Pinson

Name: Wanda Pinson, Vice President & Trust Officer
Address:

First National Bank
at Lubbock
P.O. Box 1241
Lubbock, TX 79408-1241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared

Don A. Schroeder

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



MARION BRYANT
Notary Public, State of Texas
My Commission Expires 9-4-94

Marion Bryant
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: _____
Name: _____
Address: _____

By: Joyce Ann Brown
Name: Joyce Ann Brown
Address: Box 72
Watrous, NM 87753

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NM)
COUNTY OF San Miguel) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Joyce Ann Brown and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
3-7-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

BRADLEY NOMINEE CORPORATION

By: James R. McGoogan PRESIDENT
Name: JAMES R. McGOOGAN
Address:

ATTEST

By: Myron M. Lineman
Name: _____
Address: MYRON M. LINEMAN ASSISTANT SECRETARY

~~P.O. BOX 292~~

~~WELLSVILLE, N.Y.~~

14895

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

(CORPORATION ACKNOWLEDGEMENT)

STATE OF New York)
COUNTY OF ALLEGANY) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 22 day of May 1991, personally appeared

DAMES R. McGOOGAN

to me known to be the identical person who subscribed the name of the maker thereof
to the foregoing instrument as its PRESIDENT

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Ruby L. Allen
Notary Public

RUBY L. ALLEN
NOTARY PUBLIC, STATE OF NEW YORK
ALLEGANY COUNTY COMMISSION NO. 1018
EXPIRES JUNE 30, 1991

My Commission Expires:

6-30-91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

FIRST NATIONAL BANK AT LUBBOCK, Successor Trustee of the
J. E. SIMMONS TRUST A-188, I.D. # 85-6081646

By: [Signature]
Name: Steve Exter, Vice President
Address: and Trust Officer

By: _____
Name: _____
Address: _____

c/o Trust Division
P. O. Box 1241
Lubbock, Texas 79408-1241

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

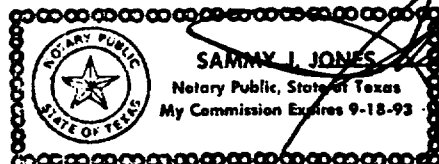
STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared
STEVE EXTER

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth, and in the capacity therein stated.

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



[Signature]
Notary Public
State of Texas

My Commission Expires:
09/18/93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

FIRST NATIONAL BANK AT LUBBOCK, Successor Trustee of the
J. E. SIMMONS TRUST B-MJH, I.D. #85-6081645

By: [Signature]
Name: Steve Exter, Vice President
Address: and Trust Officer
c/o Trust Division
P. O. Box 1241
Lubbock, Texas 79408-1241

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

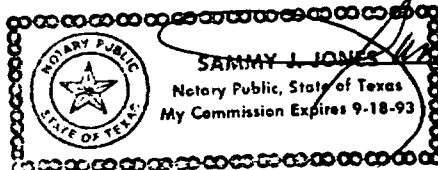
STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared
STEVE EXTER

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth, in the capacity therein stated.

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



[Signature]
Notary Public
State of Texas

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

FIRST NATIONAL BANK AT LUBBOCK, Successor Trustee of the	
BEULAH H. BIMMONS TRUST A-JSS I.D. # 85-6081644	
By: <u>[Signature]</u>	By: _____
Name: Steve Exter, Vice President	Name: _____
Address: _____ and Trust Officer	Address: _____
_____	_____
c/o Trust Division	_____
P. O. Box 1241	_____
Lubbock, Texas 79408-1241	_____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

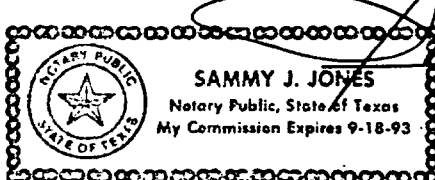
Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May 1991, personally appeared STEVE EXTER

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth, in the capacity therein stated.

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

My Commission Expires: _____



SAMMY J. JONES
Notary Public, State of Texas
My Commission Expires 9-18-93

Notary Public
State of Texas

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

FIRST NATIONAL BANK AT LUBBOCK, Successor Trustee of the	
BEULAH H. SIMMONS TRUST B-MJH, I. D. # 85-6081643	
By: <u>[Signature]</u>	By: _____
Name: Steve Exter, Vice President	Name: _____
Address: and Trust Officer	Address: _____
c/o Trust Division	_____
P. O. Box 1241	_____
Lubbock, Texas 79408-1241	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

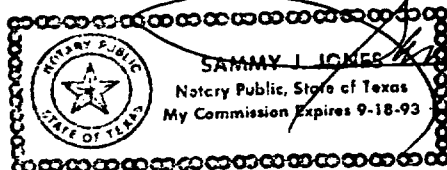
STATE OF TEXAS)
COUNTY OF LUBBOCK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared
STEVE EXTER

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth, in the capacity therein stated.

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



My Commission Expires: 09/18/93

[Signature]
Notary Public
State of Texas

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

By: Elsie D. Bickford Trustee
Name: ELSIE D. BICKFORD, TRUSTEE
Address: 957 LAKE HOUSE DRIVE
NORTH PALM BEACH, FLORIDA 33408

By: Harold E. Bickford Trustee
Name: HAROLD E. BICKFORD, TRUSTEE
Address: 957 LAKE HOUSE DRIVE
NORTH PALM BEACH, FL 33408

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW HAMPSHIRE)
COUNTY OF CARROLL) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of MAY, 1991, personally appeared ELSIE D. BICKFORD, TRUSTEE AND HAROLD E. BICKFORD, TRUSTEE

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Dennis L. Cushing
Notary Public

My Commission Expires: DECEMBER 1, 1993
Dennis L. Cushing, Notary Public.
My commission expires May 10, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: Howard L. Willey
Name: Howard L. Willey
Address: Box 912
Coolidge, Arizona 85228

By: Margaret E. Willey
Name: MARGARET E. WILLEY
Address: Box 912
Coolidge, Ariz 85228

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA)
COUNTY OF PINAL) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of MAY, 1991, personally appeared HOWARD L. WILLEY and MARGARET E. WILLEY to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dorothy J. Chaulk
Notary Public

My Commission Expires:
My Commission Expires April 15, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: _____

Name: Mrs. Omaha Weir

Address: _____

807 N. Thorp St.
Hobbs NM 88240

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico

COUNTY OF Lea

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Omaha Weir and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
Sept. 17, 1994

Kay Ziegenhorn
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Alvilee Mary Jones
Name: Alvilee MARY JONES.
Address: BOX 413.
MISSION TX 78572.

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Tulsa } SS: 466-24-8654

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Alvilee Mary Jones and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Joy Williamson
Notary Public

My Commission Expires:
June 18, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22ND day of MAY, 1991.

By: Virginia Sue Phillips
Name: VIRGINIA SUE PHILLIPS
Address:
1600 BEAVER
VERNON, TX 76384

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF WILBARGER) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22ND day of MAY, 1991, personally appeared VIRGINIA SUE PHILLIPS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Quella Gaudin
Notary Public

My Commission Expires: 9-30-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: Maurice B. Tracy
Name: Maurice B. Tracy
Address:

1516 Barclay Place
Schenectady, New York
12309

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW YORK)
COUNTY OF Schenectady) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of MAY, 1991, personally appeared MAURICE B. TRACY and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 6/20/92
HARRY A. WIGGINS
Notary Public in the State of New York
Residing in Fulton County
My Commission Expires June 20, 1992

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

New Mexico Boys Ranch, Inc.

By: Charles E. Gibson
Name: Charles E. Gibson
Address: Executive Director
774 Highway 304
Boys Ranch, N.M. 87002

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NM)
COUNTY OF Valencia) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Charles E. Gibson

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Executive Director

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Betsy Lawrence
Notary Public

My Commission Expires:
10-5-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

By: Gerda Griebisch
Name:
Address:
GERDA GRIEBISCH
1807 S 54 ST
WEST MILWAUKEE WIS 53214

By: Edward A Griebisch
Name:
Address:
EDWARD A GRIEBISCH
1807 S 54 ST
WEST MILWAUKEE, WIS 53214

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WISCONSIN }
COUNTY OF MILWAUKEE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of MAY, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Patricia E. Trudell
Notary Public

My Commission Expires:
PATRICIA E. TRUDELL
Notary Public, Milwaukee County, WI
My Commission Expires March 13, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of May, 1991.

By: *Robert R. Taylor*
Name: _____
Address: _____
ROBERT R. TAYLOR
2277 WATERFORD GRACE
NEW BRANFELS, TEXAS 76130

By: _____
Name: _____
Address: _____

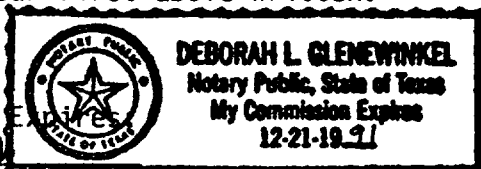
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared ROBERT R. TAYLOR and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires
12-21-91



Deborah L. Glenewinkel
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 MAY, 1991.

By: Virginia D. Pinder
Name:
Address:
VIRGINIA D. PINDER
30514 ALDER RD.
PUNTA GORDA, FL. 33982

By: H. Leroy Pinder
Name:
Address:
H. LEROY PINDER
30514 ALDER RD.
PUNTA GORDA, FL. 33982

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA }
COUNTY OF CHARLOTTE } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of MAY, 1991, personally appeared VIRGINIA D. PINDER and H. LEROY PINDER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dahlia King
Notary Public

My Commission Expires: _____
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. OCT. 31, 1991
BONDED THRU GENERAL INS. UND.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: Sherrin Knight
Name: _____
Address: 12711 Prima Vista
San Antonio, Texas 78233

By: Royce Arden Knight
Name: _____
Address: 12711 Prima Vista
San Antonio, Texas 78233

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas
COUNTY OF Brewer } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Sherrin and Royce Knight to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires 3-10-95



MICHELE L. LEE
NOTARY PUBLIC
State of Texas
Comm. Exp. 03-10-95

Michele L. Lee
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: Alyne H. Woodring
Name: Alyne H. Woodring
Address: 2610 Brookhurst
San Antonio, Texas
78209

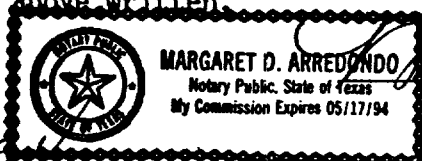
By: Willard Woodring
Name: Willard Woodring
Address: 2610 Brookhurst
San Antonio, TX
78209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS
COUNTY OF BEXAR SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Alyne H. Woodring and Willard Woodring to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: May 17, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____ SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: [Signature]
Name: KILBURN G. MOORE
Address:
7330 SAN PEDRO
SUITE 600
SAN ANTONIO, TEXAS
78216-6264

By: _____
Name: _____
Address: _____

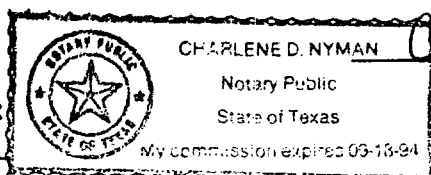
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEXAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Kilburn G. Moore and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 9-18-94



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of MAY, 1991.

By: [Signature]
Name: _____
Address: RICHARD WITKIN
256 SOUTH COLUMBIA AVE
COLUMBUS
OHIO 43209

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Ohio)
COUNTY OF Franklin) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of May, 1991, personally appeared Richard Witkin and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

Judith A. Poe
JUDITH A. POE Notary Public
Notary Public, State of Ohio
My Commission Expires Sept. 17, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Barbara Lipshy Marcus
Name: _____
Address: _____
Barbara Lipshy Marcus
5811 Fallsview Lane
Dallas, Texas

By: _____
Name: _____
Address: _____

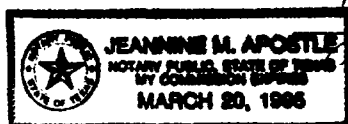
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Barbara Lipshy Marcus and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
March 20, 1995



Jeannine M. Apostle
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: L. Brady Myers
Name: L. Brady Myers
Address: 5004 West 79th St.
Prairie Village, KS 66208

By: Elizabeth F. Myers
Name: Elizabeth F. Myers
Address: 5004 West 79th
Prairie Village, KS 66208

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

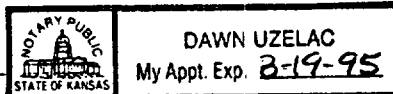
STATE OF Kansas }
COUNTY OF Johnson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared L. Brady Myers and Elizabeth F. Myers to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Dawn Uzela
Notary Public

My Commission Expires: _____



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: [Signature]
Name: _____
Address: _____
Frank A. Potenziani

Attorney at Law

P.O. Box 36600, Station "D"

Albuquerque, New Mexico 87176

By: [Signature]
Name: _____
Address: _____
Frank A. Potenziani

Attorney at Law

P.O. Box 36600, Station "D"

Albuquerque, New Mexico 87176

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Bernalillo) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Cheryl A. Potenziani and Frank A. Potenziani to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
4-30-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Patricia Kay Rucker
Name: Patricia Kay Rucker
Address: 3125 Cibola
Hobbs, N.M. 88240

By: Gene Rucker
Name: Gene Rucker
Address: 3125 Cibola
Hobbs, N.M. 88240

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Patricia Kay Rucker and Gene Rucker to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Donna W. Francis
Notary Public

My Commission Expires:
2/12/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Florence Ellen Larsh
Name: Florence Ellen Larsh
Address:

815 Neely
Midland, Tx 79705

By: _____
Name: _____
Address: _____

Address: _____

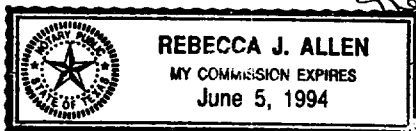
**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Florence Ellen Larsh and --- to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
6-5-94



Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Roy F. Wright, Jr.
Name: Roy F. Wright, Jr.
Address: 401 HAMPTON TERR.
LIBERTYVILLE, IL 60048

By: Lillian Wright
Name: Lillian Wright
Address: 401 Hampton Terr
Libertyville, IL 60048

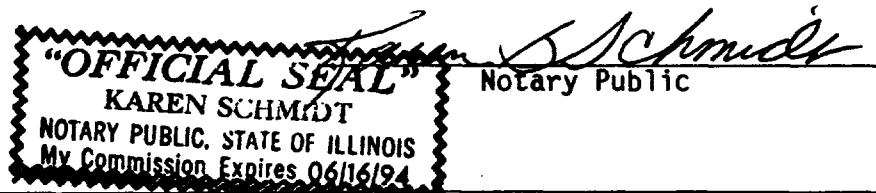
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF IL)
COUNTY OF LAKE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Roy F. Wright and Lillian Wright to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 6/16/94



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of May, 1991.

By: Roneta S. Curtis
Name: _____
Address: _____
605 S. 15th
Alameda, NM 88210

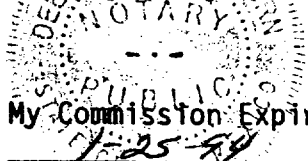
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Eddy } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of May, 1991, personally appeared Roneta S. Curtis and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

 My Commission Expires: 1-25-94

Debra L. Edlhouse
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of MAY, 1991.

By: Hunter L. Martin, Jr.
Name: HUNTER L. MARTIN, JR.
Address: 10134 MEMORIAL DR.
HOUSTON, TX 77024

By: Lore L. Martin
Name: LORE L. MARTIN (wife)
Address: 10134 MEMORIAL DR.
HOUSTON, TX 77024

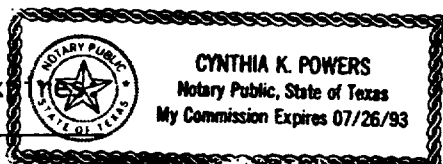
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of MAY, 1991, personally appeared HUNTER L. MARTIN, JR. and LORE L. MARTIN, HIS WIFE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires



Cynthia K. Powers
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: _____
Name: _____
Address: _____

By: Virginia L. Walker
Name: Virginia L. Walker
Address: _____
3424 Glendale
Tyler, Texas 75701

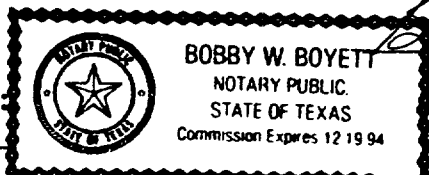
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Smith) SS: 454-30-5268

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Virginia L. Walker and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



Bobby W. Boyett
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

Estate of Cecil P. Bordages

By: Joyce Bordages
Name: Co-Ind. - Executor
Address: 5090 Lawton Dr
Beaumont, TX 77706

Estate of Cecil P. Bordages

By: Erwin J. LeBlanc
Name: Co-Ind. - Executor
Address: P.O. Box 7081
Beaumont, TX 77726-7081

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF JEFFERSON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Joyce Bordages and Erwin J. LeBlanc to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Anna L. Smith
Notary Public
ANNA L. SMITH

My Commission Expires:
2-12-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: Marilyn Hanson
Name: Marilyn Hanson
Address: 1613 W Pecan
Midland TX 79705

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Midland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Marilyn Hanson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



Celeste G. Dale
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Lucy O. Ross
Name: Lucy O. Ross
Address:
P. O. Box 1778
Colorado Springs, Co. 80901-1778

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF El Paso) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Lucy O. Ross and ----- to me known to be the identical person(X), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Patricia Zynen
Notary Public

My Commission Expires:

Patricia Zynen

~~MY COMMISSION EXPIRES JANUARY 25, 1992~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____ May _____, 1991.

By: _____
Name: _____
Address: _____

LON MORRIS COLLEGE

By: Faulk Landrum, President
Name: Faulk Landrum
Address: Lon Morris College

800 College Ave.
Jacksonville, TX

75766

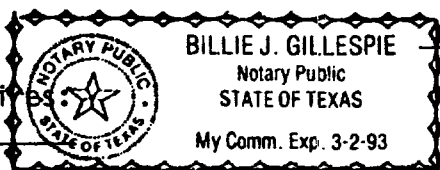
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas
COUNTY OF Cherokee } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Faulk Landrum and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires
3-2-93



Billie J. Gillespie
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: Dorothy G. Yoder
Name:

Address:

884 Brockway Mills Rd.
Springfield
MO 65156

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Vermont

SS:

COUNTY OF Ward

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Dorothy G. Yoder and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Barbara A. Truitt
Notary Public

My Commission Expires:

February 10, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

SS:

COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Peggy Ann Hughes Paradee
Name: _____
Address: _____
Peggy Ann Hughes Paradee
6509 Oakhurst Drive
Amarillo, TX 79109

By: _____
Name: _____
Address: _____

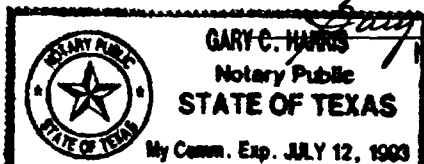
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Randall) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared PEGGY ANN HUGHES PARADEE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
7-12-93



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

_____ and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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~~ 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 May, 1991.

By: Wm J. Meier
Name: _____
Address: Wm J. Meier
257 Ruthenford
Shreveport La 71104

By: Martha D. Meier
Name: Martha D Meier
Address: same

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF Louisiana
COUNTY OF Caddo } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared Wm. Allen and Martha Allen and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:

Naomi M. Seawright

 Notary Public
NAOMI M. SEAWRIGHT, Notary Public
 Caddo Parish, Louisiana
 My Commission is for Life

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

BURFORD I. KING TRUSTEE

By: [Signature]
Name: _____
Address: _____
P. O. Box 270
Fort Worth, Texas 76101
ID#75-6223260

By: _____
Name: _____
Address: _____

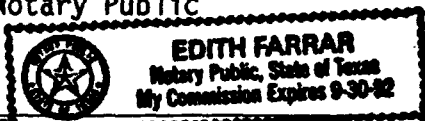
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF TARRANT) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared Burford I. King and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____

[Signature]
Notary Public

EDITH FARRAR
Notary Public, State of Texas
My Commission Expires 9-30-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: Mary L. Meier
Name: _____
Address: _____
MARY L MEIER
Box 54
Baker, Le. 70515

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Le }
COUNTY OF Granger } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23 day of May, 1991, personally appeared MARY L MEIER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Norm C. Hubert
Notary Public

My Commission Expires:

Life

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

First National Bank at Lubbock, as
Trustee of the Walter and Hallie Posey Trust

By: Don A. Schroeder
Name: Don A. Schroeder, Trust Officer
Address:

P.O. Box 1241
Lubbock, TX 79408-1241

ATTEST:

By: Wanda Pinson
Name: Wanda Pinson, Vice President & Trust Officer
Address: First National Bank

at Lubbock
P.O. Box 1241
Lubbock, TX 79408-1241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF LUBBOCK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May 1991, personally appeared
Don A. Schroeder

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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



MARION BRYANT
Notary Public, State of Texas
My Commission Expires 9-4-94

Marion Bryant
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

First American Bank of Virginia

By: Ann Marie Murphy
Name: Ann Marie Murphy
Address:
Dorothy V. Hoose Trust
1751 Pinnacle Drive (VA1-3-6)
McLean, VA 22102-3834

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF VIRGINIA }
COUNTY OF FAIRFAX } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May 1991, personally appeared Ann Marie Murphy, Vice President of First American Bank of Virginia to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee for Dorothy V. Hoose Trust

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Judith R. Jones
Notary Public

My Commission Expires: 2/28/94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of 28, 1991.

By: [Signature]

Name: [Signature]

Address: Box 689

PHILLIPS WI
64555

By: Carol J Bullard

Name: Carol J Bullard

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wisconsin SS:
COUNTY OF Price

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Eugene E. Bullard and Carol J Bullard to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: 2-6-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28TH day of May, 1991.

By: Sue Parr
Name: Sue Parr
Address: 2734 NE 36
Portland, Or. 97212

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon }
COUNTY OF Multnomah } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Sue Parr and N/A to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:

1-18-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

MARVIN N. ROSEN, TRUSTEE
OF THE N. BLAIR DAMSON
TRUST FKA N. BLAIR DAMSON

By: N. Blair Damson

Name:

Address:

N. BLAIR DAMSON
107 NORTHSIDE DRIVE
BURLINGTON, VERMONT 05401

By: _____

Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Vermont }
COUNTY OF Chittenden } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared N. Blair Damson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Sandra Duffell Craswell
Notary Public

My Commission Expires:

2/16/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

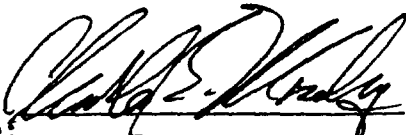
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: 
Name: _____
Address: _____
CHARLES B. MOSELEY
17102 E. ATLANTIC PL.
AURORA, CO 80013

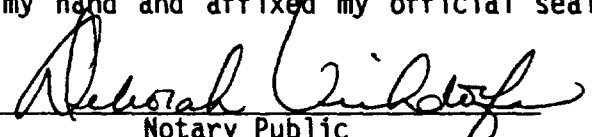
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Denver) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared Charles B. Moseley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public
1225 17th Street, Suite 2000
Denver, CO 80202

My Commission Expires:
03/30/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

By: Elaine M. Walker
Name: ELAINE M. WALKER
Address: 4341 CLAYTON RD. W.
FT. WORTH, TX 76116

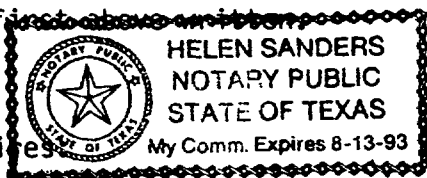
By: William C. Walker
Name: W.C. WALKER
Address: → SAME

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of May, 1991, personally appeared Elaine M. Walker and William C. Walker to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires 8/13/93

Helen Sanders
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of May, 1991.

By: Betty Ruth Fogleman
Name:
Address:
BETTY RUTH FOGLEMAN
1643 E. 17th PL.
TULSA, OK. 74120

By: Lindsey Fogleman
Name:
Address:
LINDSEY FOGLEMAN
1643 EAST 17TH PLACE
TULSA, OKLA 74120

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared Lindsey Fogleman and Betty Ruth Fogleman to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Kathy Meadows
Notary Public

My Commission Expires:
6-1-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

ssion Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27 day of MAY, 1991.

By: Villie Fisher Adams
Name: _____
Address: 2606 Sentinel
Midland, TX 79701

By: Aue Adams
Name: _____
Address: 2606 Sentinel
Midland, Texas, 79701

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Lea }
COUNTY OF Midland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Villie Fisher Adams and Aue Adams to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Carol Gordon
Notary Public

My Commission Expires:
8-29-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28TH day of MAY, 1991.

By: Sam D. Amspoker
Name: SAM D. AMSPOKER
Address: 10220 MEMORIAL DR #25
HOUSTON, TEXAS
77024

By: Betty Ann Amspoker
Name: BETTY ANN AMSPOKER
Address: 10220 MEMORIAL DR #25
HOUSTON, TEXAS
77024

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Tarrant } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Sam D. Amspoker and Betty Ann Amspoker to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires: 2-21-93

Dianne Garvey
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____


RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: 
Name: DON E. MCINTURFF
Address: 7606 University Ave.
Lubbock, Texas 79423

By: _____
Name: _____
Address: _____

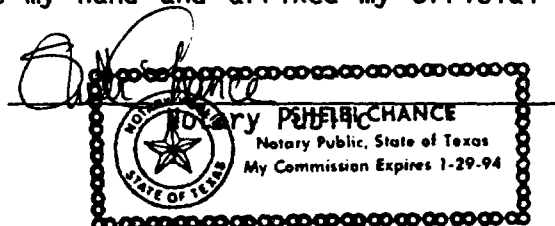
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared Don E. McInturff and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
1-29-94



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 24 day of May, 1991.

By: <u>Elizabeth J. Kunkel</u> Name: _____ Address: <u>ELIZABETH J. KUNKEL</u> <u>P.O. BOX 292</u> <u>STEVENSVILLE, MI</u> <u>49127</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MICHIGAN)
COUNTY OF BERRIEN) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of MAY, 1991, personally appeared ELIZABETH J. KUNKEL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Kerry M. Takacs
Notary Public, Berrien County, Michigan
My Commission Expires Sept. 24, 1994

Kerry M. Takacs
Notary Public
KERRY M. TAKACS

My Commission Expires:
Sept. 24, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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

EXECUTED this 29th day of May, 1991.

By: Lexey Cragin Lambert
Name: Lexey Cragin Lambert
Address:
3424 Calle Alarcon
Tucson, AZ 85716

By: Robert B. Lambert
Name: Robert B. Lambert
Address: 3424 Calle Alarcon
Tucson, AZ 85716

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA)
COUNTY OF PIMA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of May, 1991, personally appeared Lexey Cragin Lambert and Robert B. Lambert, her husband to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:

12/17/93

Jamie B. Reader
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of MAY, 1991.

By: Mariam M. Rivers
Name: _____
Address: _____

P.O. Box 253
Gilbert
Texas 77412

By: _____
Name: _____
Address: _____

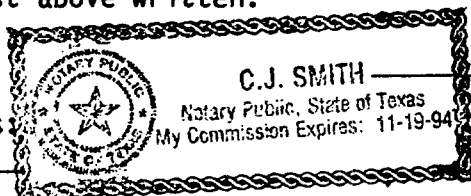
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF GALVESTON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of MAY, 1991, personally appeared MARIAM M. RIVERS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: _____



C.J. Smith
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By:

Name: REV Msgr Leo J Feeney, Secty/Treas

Address:

Society for the Propagation of the Faith

2706 N Gaines St

Davenport, Iowa 52804

By: _____

Name: _____

Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF IOWA

COUNTY OF SCOTT

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Rev. Msgr. Leo J. Feeney, of The Propagation to the Faith, Diocese of Davenport to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Secretary/Treasurer and Director of said Corporation, and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Laird A. Bealman
Notary Public

My Commission Expires:

8/24/93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT


In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21st day of MAY, 1991.

By: _____
Name: _____
Address: _____

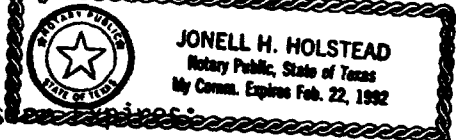
By: 
Name: Paul S. Ache, Jr.
Address: 901 Threadneedle - Suite 110
Houston, Texas 77079

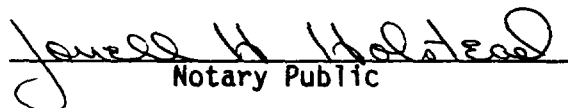
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Paul S. Ache, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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




Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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.

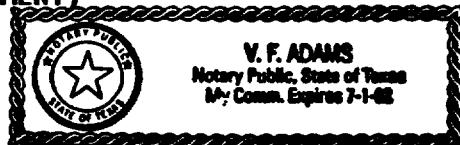
EXECUTED this 31 day of May, 1991.

By: Leslie Lee Lewis
Name: LESLIE LEE LEWIS
Address: Box 2483
MIDLAND, TX 79702

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of MAY, 1991, personally appeared Leslie Lee Lewis and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

V. F. Adams
Notary Public

My Commission Expires:
7-1-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of MAY, 1991.

MARVIN N. ROSEN TRUSTEE
OF THE BETHANY E. DAMSON
TRUST F/A/O BETHANY E. DAMSON

By: [Signature]

Name:

Address:

BETHANY E. DAMSON
8811 BURTON WAY APT 301
LOS ANGELES, CALIF 90048

By: _____

Name:

Address:

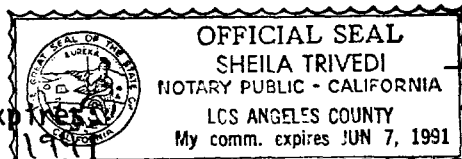
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of MAY, 1991, personally appeared BETHANY E. DAMSON and PROVED to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires June 7th 1991

Sheila Trivedi
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: Patricia M. Corey
Name: _____
Address: _____
PATRICIA M. COREY
1207 E 31st ST
TULSA, OKLA. 74105

By: P. J. Corey
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared P. J. Corey and Patricia M. Corey to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

James L. Deaton
Notary Public

My Commission Expires:
April 6, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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.

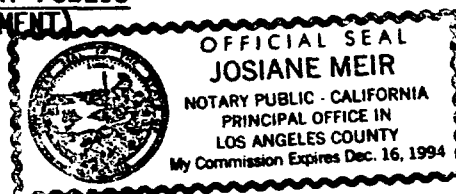
EXECUTED this 30 day of May, 1991.

By: Katherine Cone Kack
Name:
Address:
1801 Ave of the Stars #446
Los Angeles CA 90067

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA }
COUNTY OF CA } SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of MAY, 1991, personally appeared Katherine Cone Kack and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Josiane Meir
Notary Public

My Commission Expires:
Dec 16 - 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of MAY, 1991.

ATTEST:

THE HOME-STAKE OIL & GAS COMPANY

By: Susan A. Cannizzaro
Name: SUSAN A. CANNIZZARO, ASST. SEC.
Address: _____

By: Robert C. Simpson
Name: ROBERT C. SIMPSON, PRESIDENT
Address: 15 EAST 5TH STREET, SUITE 2800
TULSA, OK 74103-4311

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of MAY 1991, personally appeared

ROBERT C. SIMPSON

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PRESIDENT

and acknowledged to me that HE executed the same as HIS free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Mary Ann Querson
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of MAY, 1991.

ATTEST:

THE HOME-STAKE ROYALTY CORPORATION

By: Susan A. Cannizzaro
Name: SUSAN A. CANNIZZARO, ASST. SEC.
Address: _____

By: Robert C. Simpson
Name: ROBERT C. SIMPSON, PRESIDENT
Address: 15 East. 5th Street, Suite 2800
Tusla, OK 74103-4311

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of MAY 1991, personally appeared
ROBERT C. SIMPSON

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PRESIDENT

and acknowledged to me that HE executed the same as HIS free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

May Ann Querson
Notary Public

My Commission Expires: _____

OF UNIT AGREEMENT
THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

By: James C. Barr Trustee
Name: JAMES C. BARR
Address: 244 Leeds Ct
LAKE BLUFF, IL 60040

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois)
COUNTY OF Cook) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared James C. Barr and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.
MY COMMISSION EXPIRES 8/19/91

Robert E. Lee
Notary Public

My Commission Expires:
8/19/91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

• THE RUTH G. PICKENS GRANDCHILDREN'S JOINT VENTURE

By: [Signature]
Name: W. C. PICKENS, Trustee
Address:
8111 Preston Road
Sutie 800
Dallas, TX 75225
ID # 75-1773935

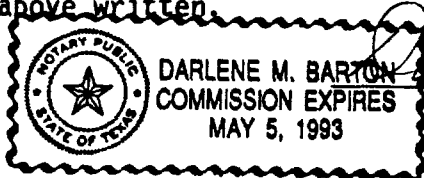
By: [Signature]
Name: R. H. PICKENS, Trustee
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF DALLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared W. C. PICKENS and R. H. PICKENS to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



[Signature]
Notary Public

My Commission Expires:
5/5/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

Retired Teachers Association of Chicago

By: Joseph J. Zbornik, Treas.

By: _____

Name: _____

Name: _____

Address: Joseph J. Zbornik

Address: _____

Retired Teachers Association of Chicago

220 S. State Street

Chicago, IL 60604

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Illinois)
COUNTY OF Cook) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May 1991, personally appeared Joseph J. Zbornik, Treasurer of Retired Teachers Association of Chicago

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Treasurer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

"OFFICIAL SEAL"

TRACY L. ANDERSON

Notary Public, State of Illinois

My Commission Expires 12/7/92

My Commission Expires: _____

12-7-92

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Elaine B. Lewis
Name: Elaine B. Lewis
Address: P. O. Box 952
Longview, Texas 75606-0952

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

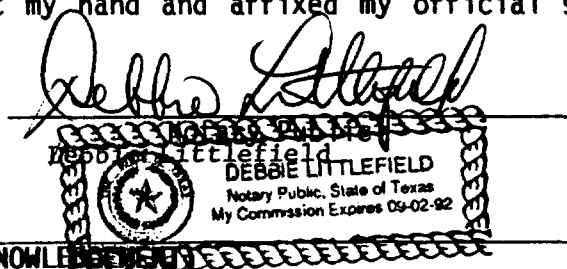
STATE OF Texas)
COUNTY OF Gregg)

SS: 466-12-5124

Before me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 1991, personally appeared Elaine B. Lewis and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
9-2-92



(CORPORATION ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____)

SS: ~~466-12-5124~~

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 26 day of May, 1991.

By: Ellen Moseley Beagles
Name: _____
Address: _____
Ellen Moseley Beagles
507A Central
Belgrade, Montana 59714

By: Grant P. Beagles
Name: _____
Address: _____
Grant P. Beagles
507A Central
Belgrade, Montana 59714

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MONTANA)
COUNTY OF GALLATIN) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 26th day of MAY, 1991, personally appeared Ellen M. Beagles and Grant P. Beagles to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

D. L. D. Be
Notary Public

My Commission Expires:
December 19, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: Marie Dollison
Name: MARIE DOLLISON
Address:
4803 48th St. N.W.
Washington, D.C.
20016

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF District of }
COUNTY OF Columbia } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Marie Dollison and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Hunt M. Allard
Notary Public
HUNT M. ALLARD

My Commission Expires:
May 14, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: _____
Name: _____
Address: _____

By: James L. Smith, Jr.
Name: James L. Smith, Jr.
Address: Route 1 Box 270
Wheeler, TX 79096

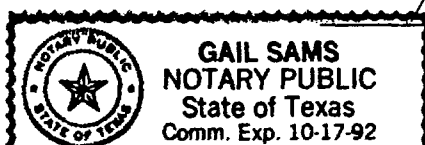
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Wheeler) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared James L. Smith, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 10-17-92



Gail Sams
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Margorie R. Bunting
Name: Margorie R. Bunting
Address:
409 Strath Haven Avenue
Swarthmore, Pa. 19081

By: L. Campbell Bunting
Name: L. Campbell Bunting
Address:
409 Strath Haven Avenue
Swarthmore, Pa. 19081

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

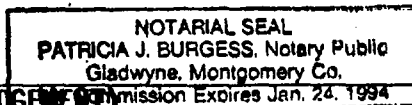
STATE OF Pennsylvania)
COUNTY OF Montgomery) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared MARTORIE R BUNTING and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Patricia J. Burgess
Notary Public

My Commission Expires:
1/24/94



(CORPORATION ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of May, 1991.

By: Cora Leigh Millsbaugh
Name: CORA LEIGH MILLSBAUGH
Address: 2837-30 ST. N.
ST. PETERSBURG FL
33713

By: Kenneth Millsbaugh
Name: KENNETH MILLSBAUGH
Address: 2837-30 ST. N.
ST PETERSBURG FL
33713

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF Pinellas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25 day of May, 1991, personally appeared Cora Leigh Millsbaugh and Kenneth Millsbaugh to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Mabel E. Clark
Notary Public

My Commission Expires:
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. AUG 22, 1991
BONDED THRU GENERAL INS. UND.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28TH day of MAY, 1991.

By: Sam D. Amspoker
Name: SAM D. AMSPOKER
Address: 10220 MEMORIAL DR #75
HOUSTON, TEXAS
77024

By: Betty Ann Amspoker
Name: BETTY ANN AMSPOKER
Address: 10220 MEMORIAL DR #75
HOUSTON, TEXAS
77024

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Tarrant } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Sam D. Amspoker and Betty Ann Amspoker to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 2-21-93



Dianne Garvey
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: Wayne Shawn
Name: Quater
Address: First Baptist Church
2164
Colorado Blvd, El 79512

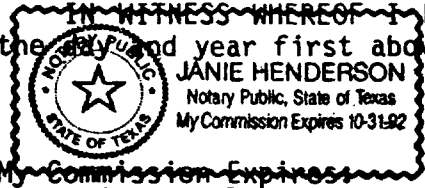
By: Arline Morris
Name: Quater
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Mitchell) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Wayne Shawn and Arline Morris to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the 28 day and year first above written.



My Commission Expires: 10-31-92

Janie Henderson
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

COLONIAL ROYALTIES LIMITED PARTNERSHIP

By: Robert L. Rorschach
Name: Robert L. Rorschach, General
Address: Partner
320 S. Boston, Suite 1108
Tulsa, OK 74103

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared Robert L. Rorschach, General Partner of and Colonial Royalties Limited Partnership to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Lela A. Schell
Notary Public

My Commission Expires: My Commission Expires October 11, 1992
LELA A. SCHELL

320 S. Boston, #1108, Tulsa, OK 74103

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of MAY, 1991.

By: <u>Villie Fisher Adams</u> Name: _____ Address: _____ <u>2606 SENTINEL</u> <u>MIDLAND, TX 79701</u>	By: <u>Aue Adams</u> Name: _____ Address: _____ <u>2606 Sentinel</u> <u>Midland Texas, 79701</u>
---	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Midland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Villie Fisher Adams and Aue Adams to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Carel Gordon
Notary Public

My Commission Expires:
8-29-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29 day of May, 1991.

By: Harold G. Lawrence
Name: Harold G. Lawrence
Address:
1614 North St. Francis
Wichita, KS 67214

By: Della Mae Lawrence
Name: Della Mae Lawrence
Address:
1614 North St. Francis
Wichita, KS 67214

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Kansas)
COUNTY OF Sedgwick) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of May, 1991, personally appeared Harold G. Lawrence and Della Mae Lawrence to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

JUDITH A. EINHELLIG
NOTARY PUBLIC
My Commission Expires 10-31-92

Judith A. Einhellig
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of May, 1991.

By: Salisbury Adams
Name: Robert W. Adams Co
Address: (c/o RRAJA Co)

615 Missouri Bldg
Deer Lake, Wyo. 82802

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wyoming }
COUNTY OF Teton } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Salisbury Adams and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Peggy McAvery
Notary Public

My Commission Expires:
8-25-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Wyoming }
COUNTY OF Teton } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared SALISBURY ADAMS

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Secretary of Robert W. Adams
Co. (c/o RRAJA Co.) and acknowledged to me that he executed the same as a free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Peggy McAvery
Notary Public

My Commission Expires:
8-25-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of MAY, 1991.

By: [Signature]
Name: Candy Christman
Address: P.O. Box 1564
Mooresville, NC 28115

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N. CAROLINA }
COUNTY OF CATAWBA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of MAY, 1991, personally appeared CANDY CHRISTMAN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
7/27/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29 day of May, 1991.

By: Alice R Teden
Name: ALICE R. TEDEN
Address: 39 B YORKTOWN DR
SPRINGFIELD
MA. 01108

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Massachusetts }
COUNTY OF Danvers } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of May, 1991, personally appeared Alice R Teden and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Cristy Danvers
Notary Public

My Commission Expires:
Sept 3, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of MAY, 1991.

By: Ronny Lowe

Name:

Address: RONNY P. LOWE

PO BOX 90421

AUSTIN TX 78709

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS

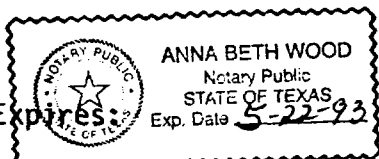
COUNTY OF TRAVIS

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared RONNY P. LOWE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 5/22/93



Anna Beth Wood
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

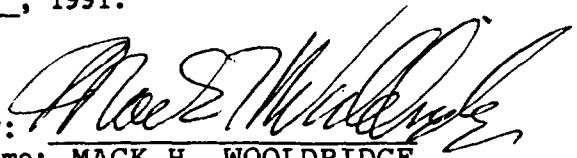
In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

By: _____
Name: _____
Address: _____

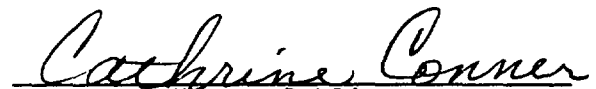
By: 
Name: MACK H. WOOLDRIDGE
Address: _____
Drawer 1846
Albany, Texas 76430

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
) SS:
COUNTY OF SHACKELFORD

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared MACK H. WOOLDRIDGE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public
Cathrine Conner

My Commission Expires:
4-17-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
) SS:
COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

By: Gertrude Loveall
Name:
Address:
Gertrude Loveall
Route 3 Box 189
Martin, TN 38237

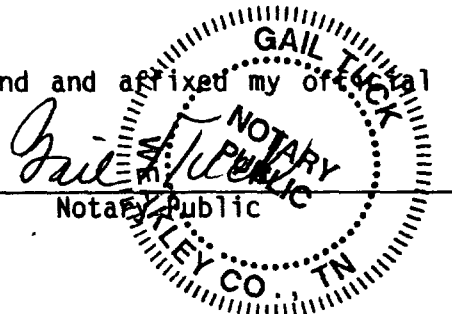
By: Leon Loveall (Spouse)
Name:
Address:
Leon Loveall
Route 3 Box 189
Martin, TN 38237

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Tennessee)
COUNTY OF Weakley) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared Gertrude Loveall and Leon Loveall to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



My Commission Expires:
7-19-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.

By: Douglas A Horvill
Name: DOUGLAS A HORVILL
Address: 615 E. Del Rio
Chandler Az 85225

By: Betty L Horvill
Name: BETTY L HORVILL
Address: 615 E. Del Rio
Chandler Az 85225

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona)
COUNTY OF Maricopa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Douglas Horvill and Betty Horvill to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Carol M. Stange
Notary Public

My Commission Expires:
3-12-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May, 1991.
MARVIN N. ROSEN TRUSTEE
OF THE N. BLAIR DAMSON
TRUST F/A/O N. BLAIR DAMSON

By: N. Blair Damson

Name:

Address:

N. BLAIR DAMSON
107 NORTSHORE DRIVE
BURLINGTON, VERMONT 05401

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Vermont }
COUNTY OF Chittenden } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared N. Blair Damson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Samara DeBelle Crisett
Notary Public

My Commission Expires:

2/16/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of MAY, 1991.

By: [Signature]
Name: BETTY GUTTAG
Address: 16 SUTTON PLACE
NEW YORK, N.Y. 10022

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW YORK)
COUNTY OF NEW YORK) SS:

ALBERT F. KARNIOL
Notary Public, State of New York
No. 4508944
Qualified in Rockland County
Commission Expires JUNE 30, 1993

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of MAY, 1991, personally appeared BETTY GUTTAG and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
JUNE 30 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

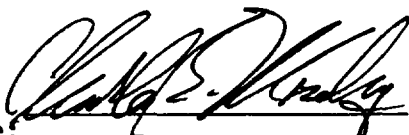
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of May, 1991.

By: 
Name: _____
Address: _____
CHARLES B. MOSELEY
17102 E. ATLANTIC PL.
AURORA, CO 80013

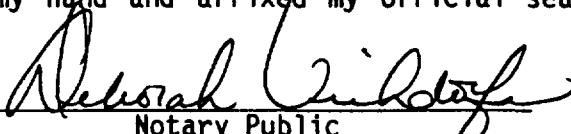
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Denver) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared Charles B. Moseley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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


Notary Public
1225 17th Street, Suite 2000
Denver, CO 80202

My Commission Expires:
03/30/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: <u>Hazel E. Sutherland</u> Name: <u>HAZEL EILA SUTHERLAND</u> Address: <u>4353 34TH ST. APT 107</u> <u>SAN DIEGO CA 92104</u>	By: _____ Name: _____ Address: _____ _____ _____
--	--

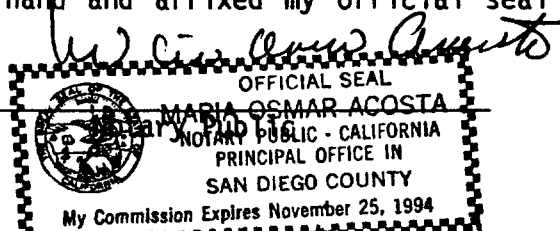
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CA)
COUNTY OF SAN DIEGO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared HAZEL EILA SUTHERLAND and SHE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires:
NOV-25-1994



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

By: Elaine M. Walker
Name: ELAINE M. WALKER
Address: 4341 CLAYTON RD. W.
FT. WORTH, TX 76116

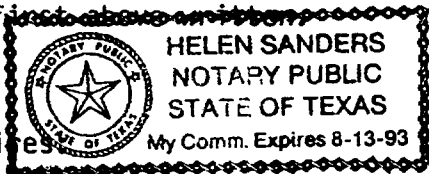
By: William C. Walker
Name: W.C. WALKER
Address: → SAME

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30 day of May, 1991, personally appeared Elaine M. Walker and William C. Walker to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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



Helen Sanders
Notary Public

My Commission Expires
8/13/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of May, 1991.

By: Betty Ruth Fogleman
Name: _____
Address: _____
BETTY RUTH FOGLEMAN
1643 E. 17th PL.
TULSA, OK. 74120

By: Lindsey Fogleman
Name: _____
Address: _____
LINDSEY FOGLEMAN
1643 EAST 17TH PLACE
TULSA, OKLA 74120

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared Lindsey Fogleman and Betty Ruth Fogleman to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Kathy Meadows
Notary Public

My Commission Expires:
6-1-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28TH day of May, 1991.

By: Sue Parr
Name: Sue Parr
Address: 2734 NE 36
Portland, Or. 97212

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon }
COUNTY OF Multnomah } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared Sue Parr and N/A to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
1-18-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: Colleen C. Booth
Name: _____
Address: _____
Colleen C. Booth
14325 S.W. 141 Ave
Portland, OR 97224

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oregon)
COUNTY OF Washington) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Colleen C. Booth and proved to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Stephen Alan Smith
Notary Public

My Commission Expires:
June 21, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of 28, 1991.

By: [Signature]
Name: _____
Address: Hick Box 689
Phillips WI
54555

By: Carol J Bullard
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wisconsin SS:
COUNTY OF Price

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May, 1991, personally appeared Eugene E. Bullard and Carol J Bullard to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires: 2-6-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

First American Bank of Virginia

By: Ann Marie Murphy
Name: Ann Marie Murphy
Address:
Dorothy V. Hoose Trust
1751 Pinnacle Drive (VA1-3-6)
McLean, VA 22102-3834

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

(CORPORATION ACKNOWLEDGEMENT)

STATE OF VIRGINIA }
COUNTY OF FAIRFAX } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared Ann Marie Murphy, Vice President of First American Bank of Virginia

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee for Dorothy V. Hoose Trust

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Judith R. Jones
Notary Public

My Commission Expires:
2/28/94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: *Jack Willis*
Name: _____
Address: _____
JACK WILLIS
61 CHAMPLIN RD.
SAUNDERSTOWN, RI 02874

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Rhode Island)
COUNTY OF Washington) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of May, 1991, personally appeared JACK WILLIS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

[Signature]
Notary Public

My Commission Expires:
My Commission Expires June 30, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of MAY, 1991.

By: Joyce Rawlinson
Name: _____
Address: JOHN C. RAWLINSON TRUST
U/A DTD. 2/18/83
JOYCE RAWLINSON, TRUSTEE

By: _____
Name: _____
Address: **J. Rawlinson**
Room 1130
621 S.W. Morrison
Portland, OR 97205


**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF Oregon
COUNTY OF Willamette SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 30 day of July, 1991, personally appeared Jorge Ramirez
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

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

My Commission Expires:

hand and affixed my official

 DENISE J. ZAUNER
 Notary Public
 NOTARY PUBLIC OREGON
 My Commission Expires

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of May, 1991.

By: Joan Mary Putnam

Name: _____

Address: _____

Joan Mary Putnam

1817 Elmhurst Ave.

Oklahoma City, OK 73120

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OK

COUNTY OF OK

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared JOAN MARY PUTNAM and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 8/29/93

Glenda [Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 315 day of MAY, 1991.

By: Patrick J. Leonard

Name: _____

Address: _____

PATRICK J. LEONARD

P.O. Box 335

DALLAS, TEXAS 75221

3/S 525-66-2388

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas

COUNTY OF Dallas

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared PATRICK J. LEONARD and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

Polly Borders
Notary Public

My Commission Expires: _____

1-22-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

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

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of May, 1991.

By: <u>Bertha Audine Fildes</u>	By: _____
Name: _____	Name: _____
Address: _____	Address: _____
_____	_____
_____	_____

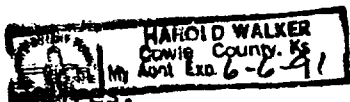
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Ks }
COUNTY OF Comby } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared Bertha Audine Fildes and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My Commission Expires: 6-6-91



Harold Walker
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

WORKING INTEREST
RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

PAGE NO.: 1
REPORT DATE: 10/24/91
R&JWIOSU.FRM/R&JWIOSU.QBE

WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 1 OPERATOR: COM 100.0000000%	75.0000000%	75.0000000%	0.8983271%
UNIT TRACT NO: 2 OPERATOR: COM 100.0000000%	75.0000000%	75.0000000%	0.2241335%
UNIT TRACT NO: 3 OPERATOR: GMD 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 4 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 5 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 6 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 7 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 8 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 9 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 10 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 11 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 12 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 13 OPERATOR: COM 100.0000000%	100.0000000%	100.0000000%	1.7930680%
UNIT TRACT NO: 14 OPERATOR: COM 100.0000000%	100.0000000%	100.0000000%	0.2887587%
UNIT TRACT NO: 15 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%

WORKING INTEREST
RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 16 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 17 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 18 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3007872%
UNIT TRACT NO: 19 OPERATOR: MOB 100.0000000%	100.0000000%	100.0000000%	1.1981430%
UNIT TRACT NO: 20 OPERATOR: WIS 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 21 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 22 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 23 OPERATOR: GRM 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 24 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 25 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 26 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 27 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5769196%
UNIT TRACT NO: 28 OPERATOR: GRC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 29 OPERATOR: GRC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 30 OPERATOR: GRC 100.0000000%	100.0000000%	100.0000000%	0.2988447%

WORKING INTEREST
RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 31 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 32 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 33 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 34 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 35 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 36 OPERATOR: OXY 100.0000000%	100.0000000%	100.0000000%	1.1750572%
UNIT TRACT NO: 37 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 38 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 39 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 40 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 41 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 42 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 43 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 44 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 45 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.8965340%

WORKING INTEREST
RATIFICATION & JOINDER SUMMARY REPORT
NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 46 OPERATOR: DUR 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 47 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 48 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1969476%
UNIT TRACT NO: 49 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 50 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 51 OPERATOR: ORY 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 52 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 53 OPERATOR: MAR 100.0000000%	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 54 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 55 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.3047468%
UNIT TRACT NO: 56 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 57 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 58 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 59 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 60 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%

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RATIFICATION & JOINDER SUMMARY REPORT
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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 61 OPERATOR: CON 100.0000000%	100.0000000%	100.0000000%	1.1755802%
UNIT TRACT NO: 62 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 63 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 64 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5878275%
UNIT TRACT NO: 65 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 66 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 67 OPERATOR: AHC 100.0000000%	87.5000000%	87.5000000%	0.2614891%
UNIT TRACT NO: 68 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 69 OPERATOR: PHI 100.0000000%	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 70 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 71 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 72 OPERATOR: MAR 100.0000000%	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 73 OPERATOR: WIS 100.0000000%	94.0000000%	94.0000000%	0.5618280%
UNIT TRACT NO: 74 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 75 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 76 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	1.1855168%
UNIT TRACT NO: 77 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 78 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 79 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 80 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 81 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2894311%
UNIT TRACT NO: 82 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 83 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 84 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 85 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 86 OPERATOR: ORY 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 87 OPERATOR: PHI 100.0000000%	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 88 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	2.0815278%
UNIT TRACT NO: 89 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 90 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 91 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1953787%
UNIT TRACT NO: 92 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 93 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 94 OPERATOR: AHC 100.0000000%	39.5833400%	39.5833400%	0.1182927%
UNIT TRACT NO: 95 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 96 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 97 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 98 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 99 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 100 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 101 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 102 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 103 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 104 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 105 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.7930680%

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 106 OPERATOR: ORY 100.0000000%	100.0000000%	100.0000000%	1.7930680%
UNIT TRACT NO: 107 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 108 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 109 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1746837%
UNIT TRACT NO: 110 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 111 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 112 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1745343%
UNIT TRACT NO: 113 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 114 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 115 OPERATOR: AHC 100.0000000%	87.5000000%	87.5000000%	1.0459563%
UNIT TRACT NO: 116 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 117 OPERATOR: GMD 100.0000000%	91.2858000%	91.2858000%	0.2728027%
UNIT TRACT NO: 118 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 119 OPERATOR: CON 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 120 OPERATOR: WAR 100.0000000%	0.0000000%	0.0000000%	0.0000000%

WORKING INTEREST
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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 121 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 122 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 123 OPERATOR: CHE 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 124 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.7930680%
UNIT TRACT NO: 125 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 126 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 127 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 128 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 129 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3011607%
UNIT TRACT NO: 130 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.1787181%
UNIT TRACT NO: 131 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.1981430%
UNIT TRACT NO: 132 OPERATOR: WAR 100.0000000%	0.0000000%	0.0000000%	0.0000000%
UNIT TRACT NO: 133 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	1.2019532%
UNIT TRACT NO: 135 OPERATOR: ORY 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 136 OPERATOR: GRM 100.0000000%	100.0000000%	100.0000000%	0.5976893%

WORKING INTEREST
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NORTH MONUMENT GRAYBURG/SAN ANDRES UNIT

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT
UNIT TRACT NO: 137 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.9051258%
UNIT TRACT NO: 138 OPERATOR: SHE 100.0000000%	100.0000000%	100.0000000%	0.3037756%
UNIT TRACT NO: 139 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3041492%
UNIT TRACT NO: 140 OPERATOR: TEX 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 141 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	1.4942233%
UNIT TRACT NO: 142 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 143 OPERATOR: ORY 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 144 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.5976893%
UNIT TRACT NO: 145 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3044480%
UNIT TRACT NO: 146 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3045227%
UNIT TRACT NO: 147 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.3046721%
UNIT TRACT NO: 148 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 149 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 150 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 151 OPERATOR: AHC 100.0000000%	94.4444400%	94.4444400%	0.2822422%

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WORKING INTEREST PERCENTAGE WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED	WORKING INTEREST PERCENTAGE RATIFIED WITHIN TRACT	WORKING INTEREST PERCENTAGE RATIFIED WITHIN UNIT

UNIT TRACT NO: 152 OPERATOR: GRM 100.0000000%	100.0000000%	100.0000000%	0.2988447%
UNIT TRACT NO: 153 OPERATOR: AHC 100.0000000%	100.0000000%	100.0000000%	0.8965340%
UNIT TRACT NO: 154 OPERATOR: HAR 100.0000000%	0.0000000%	0.0000000%	0.0000000%

TOTAL RATIFIED WITHIN UNIT

=====
93.5083873%

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 29 day of August, 1991.

By: _____
Title: _____
Address: _____

By: Alan T. Davis
Title: President
Address: Great Western Drilling Company
P. O. Box 1659
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

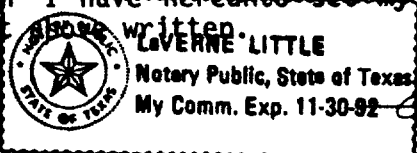
Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of August 1991, personally appeared
Alan T. Davis

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first written

My Commission Expires: 11-30-92



Laverne Little
Notary Public

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT


In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 4th day of September, 1991.

By: _____
Title: _____
Address: _____

By: 
Title: D.K. PINSON
Address: VICE PRESIDENT
Grace Petroleum Corporation
6501 N. Broadway
Oklahoma City, OK 73116

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of September 1991, personally appeared

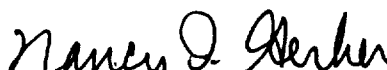
D. K. Pinson

Grace Petroleum Corporation

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires
2-10-94

— RATIFICATION AND JOINDER —
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 29th day of August, 1991.

By: _____
Title: _____
Address: _____

By: Mark K. Mosley
Title: Mark K. Mosley, Attorney-in-Fact
Address: CONOCO INC.
10 Desta Drive, Suite 100 West
Midland, Texas 79705

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF MIDLAND } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of August, 1991, personally appeared MARK K. MOSLEY OF CONOCO INC.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that He executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 7/1/92



LOREE A. CLAY
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
JULY 1, 1992

Loree A. Clay
Notary Public

- RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 _____ day of _____, 1991.

By: _____
Title: _____
Address: _____

SUN OPERATING LIMITED PARTNERSHIP
BY ORYX ENERGY COMPANY, ITS
MANAGING GENERAL PARTNER

BY: Frank L. McCulloch
Title: Attorney-in-Fact
Address: P. O. Box 2880
Dallas, Texas 75221-2880

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

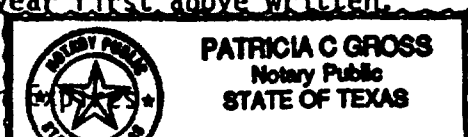
Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of August 1991, personally appeared _____

_____ Frank L. McCulloch
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Patricia C. Gross
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 30th day of July, 1991.

PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIP-10✓
PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIP-11✓
PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-12✓
PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-13
PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-14✓
PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-15✓
PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-2
PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-3
PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-4
By: Graham Royalty, Ltd., as Managing General Partner

By: James W. Carrington, Jr.
Vice President - Land

PRUDENTIAL-BACHE ENERGY INCOME LIMITED PARTNERSHIP IVP-16✓
PRUDENTIAL-BACHE ENERGY INCOME LIMITED PARTNERSHIP IVP-17
By: Graham Royalty, Ltd., as General Partner

By: James W. Carrington, Jr.
Vice President - Land

~~(CORPORATION ACKNOWLEDGEMENT)~~

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

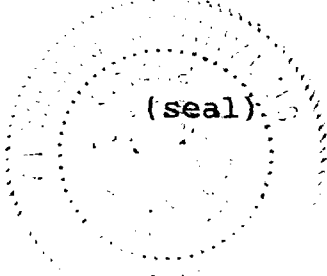
My Commission Expires _____

Notary Public

STATE OF LOUISIANA

PARISH OF ST. TAMMANY

The foregoing instrument was acknowledged before me this 30th day of July, 1991, by James W. Carrington, Jr., the Vice President-Land, of Graham Royalty, Ltd., a Louisiana corporation on behalf of said corporation in its capacity as managing general partner of PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIP-10, PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIP-11, PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-12, PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-13, PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-14, PRUDENTIAL-BACHE ENERGY INCOME PRODUCTION PARTNERSHIP IIIP-15, PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-2, PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-3, and PRUDENTIAL-BACHE PENSION & RETIREMENT LIMITED PARTNERSHIP PBR-4.



Paige D. Lane
Paige D. Lane - Notary Public

PAIGE D. LANE

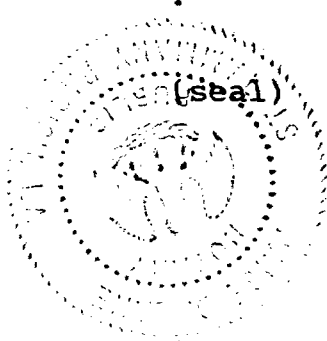
Notary Public

Duly Commissioned in St. Tammany Parish, LA
MY COMMISSION IS ISSUED FOR LIFE

STATE OF LOUISIANA

PARISH OF ST. TAMMANY

The foregoing instrument was acknowledged before me this 30th day of July, 1991, by James W. Carrington, Jr., the Vice President-Land, of Graham Royalty, Ltd., a Louisiana corporation on behalf of said corporation in its capacity as general partner of PRUDENTIAL-BACHE ENERGY INCOME LIMITED PARTNERSHIP IVP-16 and PRUDENTIAL-BACHE ENERGY INCOME LIMITED PARTNERSHIP IVP-17



Paige D. Lane
Paige D. Lane - Notary Public

PAIGE D. LANE

Notary Public

Duly Commissioned in St. Tammany Parish, LA
MY COMMISSION IS ISSUED FOR LIFE

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 22nd day of July, 1991.

By: _____
Title: _____
Address: _____

THE WISER OIL COMPANY
By: Charles P. LaRue
Title: Charles P. LaRue, Vice President
Address: _____
P. O. Box 192
Sistersville, WV 26175

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF WEST VIRGINIA)
COUNTY OF Tyler) SS:

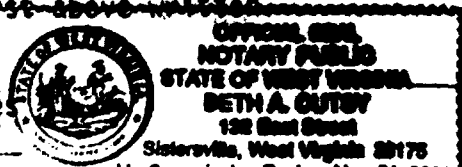
Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of July, 1991, personally appeared _____
Charles P. LaRue

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Beth A. Cutsy
Notary Public
Beth A. Cutsy

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 _____ day of _____, 1991.

By: Ruth O. Snowden
Title: _____
Address: _____

By: _____
Title: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

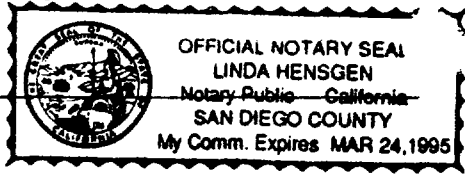
STATE OF B M H I G O N A }
COUNTY OF SAN DIEGO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1 day of July, 1991, personally appeared Ruth O. Snowden and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Linda Hensgen
Notary Public

My Commission Expires: 3-24-91



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 14 day of June, 1991.

By: Mary Jane Bowman
Title: Partner
Address: _____

By: _____
Title: _____
Address: _____

P.O. Box 283
Wichita Falls, Texas
76307

John M. Mouser Oil Co.

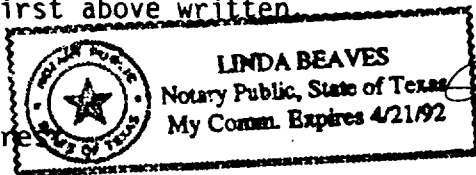
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF WICHITA)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared Mary Jane Bowman and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires 4/21/92

Linda Beaves
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 19th day of June, 1991.

By: Alice Ann Wesner
Title: _____
Address: 7426 Starwood NE
Albuquerque, NM 87109

By: _____
Title: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico
COUNTY OF Bernalillo } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 19th day of June, 1991, personally appeared Alice A. Wesner and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



OFFICIAL SEAL
Margaret L. Garcia
MARGARET L. GARCIA Notary Public
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed With Secretary of State

My Commission Expires: 10-23-94

My Commission Expires 10-23-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 _____ day of _____, 1991.

MOBIL PRODUCING TEXAS & NEW MEXICO INC.

By: _____
Title: _____
Address: _____

By: J. R. Still
Title: Attorney-in-Fact
Address: _____

ROD
SVP

By: Mobil Exploration & Producing U.S. Inc.
Producing Mgr, OBO Central Region
12450 Greenspoint Drive
Houston, Texas 77060-1991

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Maricopa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared _____

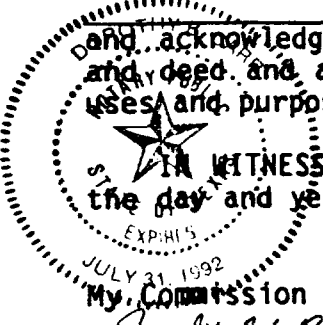
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that he executed the same as his free and voluntary act and deed, and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires _____



W 1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 30th day of May, 1991.

By: _____
Title: _____
Address: _____

By: A. C. Pattison
Title: H. C. Pattison Attorney-in-Fact
Address: _____
Texaco Exploration and Production Inc.
P. O. Box 3109
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared H. C. Pattison, Attorney-in-Fact of Texaco Exploration and Production Inc., a Delaware Corporation, to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires 5-9-95



MARY F. DONELSON
Notary Public, State of Texas
My Commission expires 03/09/95

Mary F. Donelson
Notary Public

WI

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 28~~th~~ day of May, 1991.

By: _____
Title: _____
Address: _____

By: Thomas A. Knapik
Title: THOMAS A. KNAPIK, President
Address: _____
DAVOIL INC.
P.O. BOX 122260
FORT WORTH, TX 76121-2260

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF TARRANT) SS:

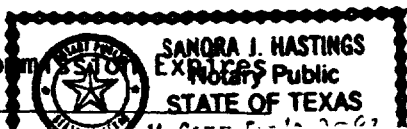
Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of May 1991, personally appeared
THOMAS A. KNAPIK

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PRESIDENT

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Comm



Sandra J. Hastings
Notary Public

W 1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 24 day of May, 1991.

By: _____
Title: _____
Address: _____

By: Roy G. Barton Jr., Trustee
Title: The Roy G. Barton Sr. & Opal
Address: Barton Revocable Trust
R.O. Box 978
Hobbs, NM 88241
Roy G. Barton Jr.


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Roy G. Barton Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first ~~above written~~

My Commission Expires: 1-14-93



OFFICIAL SEAL
JOAN ISBELL
NOTARY PUBLIC - NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
My Commission Expires 1-14-93

Joan Isbell
Notary Public

(CORPORATION ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 5th day of June, 1991.

SHELL WESTERN E&P INC.

By: [Signature]

Title: J.C. BOYD, ATTORNEY-IN-FACT

Address: _____

By: _____

Title: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

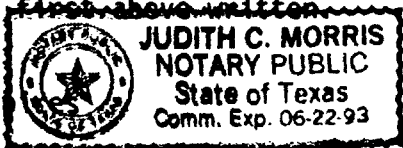
Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared J.C. BOYD

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its ATTORNEY IN FACT

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written

My Commission Expires: _____



Judith C. Morris
Notary Public

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 6th day of June, 1991.

By: [Signature]
Title: President
Address: P.O. Drawer 273
Midland, TX 79702

By: _____
Title: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June 1991, personally appeared
Lynn D. Durham, President of Durham, Inc.,

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
6/18/93

Pamela M. Hughes
Notary Public

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 3rd day of June, 1991.

By: Margaret C. Sage
Title: _____
Address: 12 Lincoln St.
Exeter, N.H. 03833

By: _____
Title: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF New Hampshire
COUNTY OF Rockingham SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Margaret C. Sage and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Edward H. Sage
Notary Public

My Commission Expires:
March 8, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires

Notary Public

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 _____ day of _____, 1991.

By: J. G. Armstrong
Title: _____
Address: _____

By: _____
Title: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado }
COUNTY OF Pueblo } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6 day of June, 1991, personally appeared J. G. Armstrong and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Jeifer K. Waller
Notary Public

My Commission Expires:
12-28-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

WI

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 _____ day of _____, 1991.

Estate of Pauline Christmas

By: B.A. Christmas

Title:

Address:

Chico Route

HCR 62 Box 52

Rateau, N.M.

82740

By: _____

Title: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico

COUNTY OF Union

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared B.A. Christmas and he to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Karen Curry
Notary Public

My Commission Expires:

Sept 18, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 31st day of May, 1991.

By: Mary Helen Seeton

Title: Mary Helen Seeton

Address:

1815 Union Drive
Lakewood, CO 80215

By: _____

Title: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Jefferson) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31 day of May, 1991, personally appeared Mary Helen Seeton and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Barbara Brackett
Notary Public

My Commission Expires:

9-19-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 3rd day of June, 1991.

By: William L. Hoyle
Title: Trustee
Address: 3100 Coldwater Canyon
Beverly Hills, Calif 90210

By: Howard G. Hoyle
Title: trustee
Address: 1476 Kensington Rd
San Marcos, Ca 91108

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California
COUNTY OF Los Angeles SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared William L. Hoyle Jr and Howard G. Hoyle to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 8/22/94



Evelyn D. Muller
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 8 day of July, 1991.

By: _____
Title: _____
Address: _____

By: [Signature]
Title: _____
Address: _____
Attorney-in-Fact
P.O. Box 50250
Midland, TX 79710

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Midland } SS:

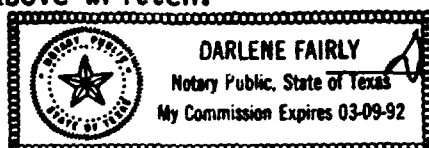
Before me, the undersigned, a Notary Public in and for said County and State on this 8 day of July, 1991, personally appeared P.N. McGee of DRY USA Inc.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
3-9-92



[Signature]
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 2 day of July, 1991.

By: Daniel J. Locoloco

Title: _____

Address: _____

2767 Briarclark Woods Way
Albuquerque NM 87134

By: _____

Title: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Georgia }
COUNTY OF Cobb } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2 day of July, 1991, personally appeared Daniel J. Locoloco and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Estan K. Jones
Notary Public

My Commission Expires:

Feb 24, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

W 1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 3rd day of September, 1991.

By: _____
Title: _____
Address: _____

By: [Signature]
Title: ATTORNEY IN FACT
Address: Chevron U.S.A. Inc.
P.O. Box 1150
Midland, Tx 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

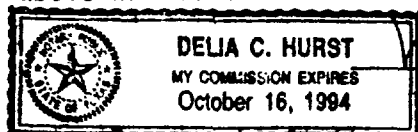
STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of September 1991, personally appeared D. H. Messer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-In-Fact, for Chevron U.S.A. Inc. and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
10-16-94



[Signature]
Notary Public

W1

RATIFICATION AND JOINDER
OF UNIT AGREEMENT AND OPERATING AGREEMENT AT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 1st day of May, 1991.

By: _____

Title: _____

Address: _____

AMERADA HESS CORPORATION

By: Raymond L. Wickett

Raymond L. Wickett

Attorney in Fact

Address: _____

P.O. Box 2040

Tulsa, OK 74102

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____, and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that _____ he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____

Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF TULSA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1st day of May, 1991, personally appeared

Raymond L. Wickett

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Attorney-in-Fact

and acknowledged to me that _____ he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
10-24-93

Cathie Burns

Notary Public
Cathie Burns

OF UNIT AGREEMENT
OR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 3 day of JUNE, 1991.

By: Ray E. Brooks Jr.
Title: OWNER
Address: 518 E. YUCCA
HOBBS, NM 88240

By: _____
Title: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

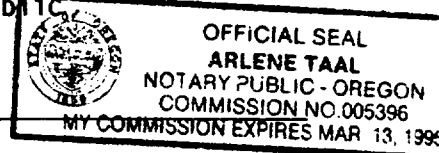
STATE OF Oregon }
COUNTY OF Union } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Ray E. Brooks Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Arlene Taal
Notary Public

My Commission Expires: _____



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, and in consideration of the execution or ratification by other Working Interest Owners of the Unit Operating Agreement for the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, 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 18th day of September, 1991.

WAY Enterprises, Inc.

By: J. Goss Yeager

Title: President

Address:

P.O. Box 1756

Midland, TX 79702-1756

By: _____

Title: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Midland, } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18th day of September 1991, personally appeared
G. Goss Yeager

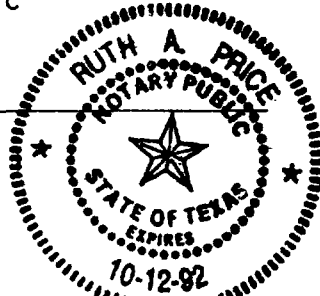
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as the free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____

Ruth A. Price
Notary Public



Snead
No. 2K2ET500-183
HASTINGS, MN
LOS ANGELES-CHICAGO-LOGAN, OH
MCGREGOR, TX-LOCUST GROVE, GA
U.S.A.

WORKING INTEREST RATIFICATIONS
OCD COPIES 10/25/91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: James R Wilson
Name: _____
Address: JAMES R. WILSON
NO. 8 WILLIAMSBURG RD.
ST LOUIS, MO 63141

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois)
COUNTY OF St. Clair) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 7th day of June, 1991, personally appeared James R. Wilson
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.



Jodille B. Vermeer
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: Thomas C Nathan
Name: Thomas C. Nathan
Address: 807 Kimballwood Ln.
Highland Park, K. 60035

By: Louise S. Nathan
Name: LOUISE S. NATHAN
Address: 807 Kimballwood Ln.
Highland Park, IL 60035

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois)
COUNTY OF Lake) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Thomas C. Nathan and Louise S. Nathan to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Petty B. Shaw
Notary Public

My Commission Expires:
2-20-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: [Signature]
Name: JOHN W. BIELER
Address: 2002 LEAFWOOD PL
ENCINITAS, CA 92024

By: [Signature]
Name: SARA L. BIELER
Address: 2002 LEAFWOOD PL.
ENCINITAS, CA 92024

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Tuolumne) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared JOHN W. BIELER AND SARA and SARA L. BIELER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



OFFICIAL SEAL
[Signature]
Notary Public
MARILYN PAUL
NOTARY PUBLIC - CALIFORNIA
TUOLUMNE COUNTY
My Comm. Expires Mar. 20, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of JUNE, 1991.

By: Margaret E. Simonds By: _____

Name: _____

Name: _____

Address: _____

Address: _____

Margaret E. Simonds
125 Barnburgh Cir. #1511
Scarborough, Ont. Canada
M1W3G4

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

PROV

STATE OF ONTARIO }

SS:

COUNTY OF YORK }

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared MARGARET E. SIMONDS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Kenneth E. Rely
Notary Public

My Commission Expires:

AT HER MAJESTY'S
PLEASURE

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }

SS:

COUNTY OF _____ }

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Daisy M. Riddle
Name: _____

Address: _____
2859 Eastmoor
Springfield Mo
65804

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Missouri }
COUNTY OF Greene } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7 day of June, 1991, personally appeared Daisy M. Riddle and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Paula Jane St. John
Notary Public

My Commission Expires: _____

Paula Jane St. John Notary Public
Greene County State of Missouri
My Commission Expires Aug. 12, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

By: Sue L. Wuerflein
Name: _____

Address: SUE L. WUERFLEIN
15900 Kennedy Rd.
LOS GATOS, CALIF.

By: _____

Name: _____

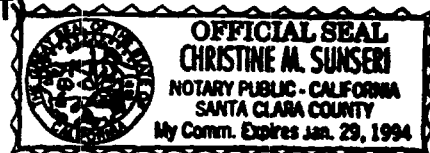
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)

COUNTY OF SANTA CLARA)

SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:
JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)

COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

By: Sue L. Wuerflein
Name: undiv & as trustee of
Address: DAVID E EDSON Trust for
William Scott, John David, Daniel
James & Kimberly Sue Edson.

By: _____
Name: _____
Address: _____

SUE L. WUERFLEIN
Trustee
15900 Kennedy Rd
LOS GATOS, CA.
95032.

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA

SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:
JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

Sue L. Wuerflein, Trustee
the DAVID E. EDSON Trust FOR

By: John David Edson

Name:

Address:

SUE L. WUERFLEIN, Trustee
15900 Kennedy Rd
LOS GATOS, CA
95032

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA

COUNTY OF SANTA CLARA

SS: _____



Before me, the undersigned, a Notary Public in and for said County and State, on this 5TH day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:

JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)

COUNTY OF _____)

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Helen Fields Harkins
Name: _____
Address: _____
HELEN FIELDS HARKINS
3997 E DESMOND LN
TUCSON, AZ 85712

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona }
COUNTY OF Pima } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7 day of June, 1991, personally appeared Helen Fields Harkins and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Blanche L. Litzner
Notary Public

My Commission Expires:
May 16, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7TH day of JUNE, 1991.

By: Jennie Lou Hughes Mays
Name: Jennie Lou Hughes/Mays
Address:
Rt 3
403 Meadow Brook Rd
Roswell, NM 88201

By: Richard Dale Mays
Name: Richard Dale Mays
Address:
Rt 3
403 Meadow Brook Rd.
Roswell, NM 88201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7TH day of JUNE, 1991, personally appeared JENNIE LOU HUGHES MAYS and RICHARD DALE MAYS to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Reba Sue Cox
Notary Public
REBA SUE COX

My Commission Expires:
SEPTEMBER 6, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of June, 1991.

By: Lester F. Colby
Name: Lester F. Colby
Address:
4619 Fillmore Street
Hollywood, Florida 33021

By: Dorothy S. Colby
Name: Dorothy S. Colby
Address:
4619 Fillmore Street
Hollywood, Florida 33021

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA)
COUNTY OF BROWARD) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of June, 1991, personally appeared Lester F. Colby and Dorothy S. Colby to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. APR. 2, 1994
BONDED THRU GENERAL INS. UND.

Maria Schenck
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of July, 1991.

By: _____
Name: _____
Address: _____

W. T. Reed Trust, Western Commerce Bank,
formerly Liberty National Bank, Successor Trust

By: Vikki Clark A. T. O.
Name: _____
Address: _____

P.O. Box 1627

Lovington, NM 88260

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF New Mexico }
COUNTY OF Lea } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Vikki Clark, Assistant Trust Officer of Western Commerce Bank, formerly Liberty National Bank, Successor Trustee of the W. T. Reed Trust to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Assistant Trust Officer of Western Commerce Bank, formerly Liberty National Bank, and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Ruby Heath
Notary Public

My Commission Expires:
June 27, 1992

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 8 day of July, 1991.

By: [Signature]
Name: James A. Coll
Address: _____

By: [Signature]
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.M. }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 8th day of July, 1991, personally appeared Jon F. Coll, James N. Coll, Charles H. Coll and Max W. Coll, Jr. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
9-20-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1 day of July, 1991.

By: [Signature]
Name: Timothy Gene Leigh
Address: 4559-32 Ave Ab.
St. Pete FL 33713

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Pinellas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1 day of July, 1991, personally appeared Timothy G. Leigh and Timothy G. Leigh to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires: _____
Notary Public, State of Florida at Large.
My Commission Expires: MAR 22, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of July, 1991.

By: ✓ Ora Lee Nislar

Name: ORA LEE NISLAR

Address:

c/o American State Bank

P. O. Box 1401

Lubbock, TX 79408-1401

SS No. 466-76-5104

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of July, 1991, personally appeared ORA LEE NISLAR and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Leta Zupfle
Notary Public

My Commission Expires:
3/10/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER OF UNIT AGREEMENT FOR THE NORTH MONUMENT GRAYBURG/ SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of July, 1991.

OF L. NISLAR, JR. TRUST

AMERICAN STATE BANK, CO-TRUSTEE

By: J.R. Cammack
Name: J.R. Cammack, V.P. & T.O.
Address:

P. O. Box 1401
Lubbock, TX 79408-1401

Tax ID #75-6259147

By: ORA LEE NISLAR,
Name: ORA LEE NISLAR, CO-TRUSTEE
Address:

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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of July, 1991, personally appeared ORA LEE NISLAR and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Leta Zupke
Notary Public

My Commission Expires:
3/10/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 5th day of July 1991, personally appeared
J. R. Cammack

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President & Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Leta Fyffe
Notary Public

My Commission Expires:
3/10/92

RATIFICATION AND JOINDER OF UNIT AGREEMENT FOR THE NORTH MONUMENT GRAYBURG/ SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of July, 1991.

JAMES ROBERT NISLAN TRUST
AMERICAN STATE BANK, CO-TRUSTEE

By: J.R. Cammack
Name: J.R. Cammack, V.P. & T.O.
Address:

P. O. Box 1401
Lubbock, TX 79408-1401

Tax ID #75-6259126

By: ✓ Ora Lee Nislar
Name: ORA LEE NISLAR, CO-TRUSTEE
Address:

Tax ID #75-6259126

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of July, 1991, personally appeared ORA LEE NISLAR and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Leta Fyffe
Notary Public

My Commission Expires:
3/10/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 5th day of July 1991, personally appeared
J. R. Cammack

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President & Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Leta Fulle
Notary Public

My Commission Expires:
3/10/92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of July, 1991.

By: _____
Name: _____
Address: _____

By: SEE ATTACHED SIGNATURE PAGE
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of July, 1991, personally appeared Daniel P. Bregun

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust
Officer and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Bonnette E. Conasini
Notary Public

My Commission Expires: 5-1-95

ATTEST: *Daish Singh*
Assistant Cashier

WITWER OIL AND GAS TRUST

BY: Bank of Oklahoma, N.A., Trustee

By: *Daniel P. Beggs*
Vice President and Trust Officer

P. O. Box 1588
Tulsa, OK 74101

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of July, 1991.

By: Martha Jane Clowe
Name:
Address:
3521 NORTHRIDGE
WACO, TEXAS 76710

By: _____
Name:
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF McLennan) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Martha Jane Clowe and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lauren Stumpf
Notary Public

My Commission Expires:
7-24-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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.

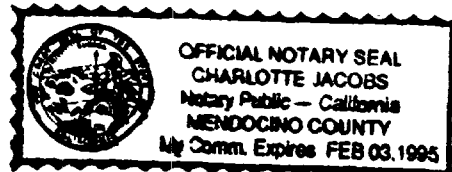
EXECUTED this 5 day of JULY, 1991.

By: Phillip Hurst
Name:
Address:
Phillip Hurst
1321 RIDGEVIEW
UKIAH CA. 95482

By: Sylvia M. Hurst
Name:
Address:
Sylvia M. Hurst
1321 Ridgeview Drive
UKIAH, California 95482

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Mendocino) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 5 day of July, 1991, personally appeared Phillip Hurst and Sylvia M. Hurst to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Charlotte Jacobs
Notary Public

My Commission Expires:
Feb 3, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of July, 1991.

By: *Cesar Romero*
Name: CESAR ROMERO
Address:
12115 San Vicente Blvd., #302
Los Angeles, CA 90049

By: _____
Name: _____
Address: _____

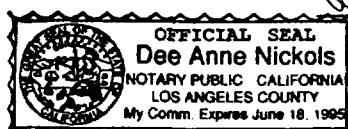
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Los Angeles } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of July, 1991, personally appeared Cesar Romero and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
6-18-95



Dee Anne Nickols
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of July, 1991.

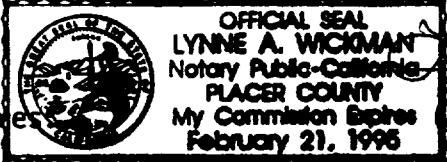
By: Emerett Sanford Miles By: _____
Name: EMERETT SANFORD MILES Name: _____
Address: _____ Address: _____
12307 HIDDEN MEADOWS CIRCLE
AUBURN, CA 95603

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California SS:
COUNTY OF Placer

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of July, 1991, personally appeared Emerett Sanford Miles and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires 2/21/95
 Lynne A. Wickman
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 3rd day of July, 1991.

By: _____
Name: _____
Address: _____

By: SEE ATTACHED SIGNATURE PAGE
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of July, 1991, personally appeared

Francis P. Cohey
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust
Officer
and acknowledged to me that he executed the same as his free and voluntary act and deed as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Annette E. Consalvi
Notary Public

My Commission Expires:

May 1, 1995

THE FRED SAMPLE TRUST
DATED MAY 16, 1974

ATTEST:

Carson Steg
Assistant Cashier

BY: Bank of Oklahoma, N.A., Trustee

By:

Samuel C. ...
Vice President and Trust Officer

P. O. Box 1588
Tulsa, OK 74101

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 2nd day of July, 1991.

S.M.Stone, by:

By: Alice Virginia Farris
Name: Alice Virginia Farris
Address: Power of Attorney

By: _____
Name: _____
Address: _____

Estate of Alice Fairfax Stone
36 Clarksville St.
Paris, TX 75460

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Lamar) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Alice Virginia Farris and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Joy Wilkerson
Notary Public

My Commission Expires:
4-8-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Lamar) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of JULY, 1991.

BEAMS MINERALS CO.

By: Drew H. Beams, Partner

Name:

Address:

844 ONE ENERGY SQUARE
DALLAS, TEX 75206

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of JULY, 1991, personally appeared DREW H. BEAMS, as a Partner of Beams Minerals Company, a Texas General Partnership to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PARTNER

and acknowledged to me that HE executed the same as HIS free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Bobbie P. Leuthardt
Notary Public

My Commission Expires:

4-23-93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of July, 1991.

By: Jimmie C. Weir
Name: Jimmie C. Weir
Address: PO Box 245
Ennice, NM 88231

By: Ginger Weir
Name: Ginger Weir
Address: PO Box 245
Ennice, NM 88231

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Lea } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2 day of July, 1991, personally appeared Jimmie C. Weir and Ginger Weir to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

R. S. Lott
Notary Public

My Commission Expires:
1-9-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 1 day of July, 1991.

By: Bettie I. Leigh
Name: _____
Address: 8460-A-13 ST. N.
ST. PETERS, FLA.
33702

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF PINELLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1 day of July, 1991, personally appeared Bettie I. Leigh and Bettie I. Leigh to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Linda J. Day
Notary Public

My Commission Expires:
Notary Public, State of Florida at Large,
My Commission Expires: MAR. 29, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 2 day of July, 1991.

By: Brownie Worth Ware
Name: BROWNIE WORTH WARE
Address: 901 Trinity
Austin, TX 78701

By: Juanell Wright Ware
Name: JUANELL WRIGHT WARE
Address: 901 Trinity
Austin, Texas 78701

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Brownie Worth Ware and Juanell Wright Ware to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____


Sue Jones
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 2nd day of July, 1991.

By: Esther U. Taylor
Name: Esther U. Taylor
Address: 704 E. VESO DR.
HOBBS, N. MEXICO 88240

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Esther U. Taylor and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Alana J. Smith
Notary Public

My Commission Expires:
1/15/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public on this _____ day of _____, 1991, personally

to me known to be the identical person who subscribed to the foregoing instrument as its _____

and acknowledged to me that _____ executed the _____ and deed and as the free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and year first above written.

Ratified
Esther U. Taylor
Only.
Not sent said
State Est. of Iowa
Taylor also.
Curator file

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of July, 1991.

By: <u>Mary Louise Punzel Coffman</u>	By: _____
Name: <u>Mary Louise Punzel Coffman</u>	Name: _____
Address: <u>3318 Orange Ave. #205</u>	Address: _____
<u>Ft. Pierce</u>	_____
<u>Fla. 34947</u>	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF St. Lucie) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of July, 1991, personally appeared MARY LOUISE PUNZEL COFFMAN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

JANET L. SPEICKER
Notary Public
JANET L. SPEICKER

My Commission Expires: JAN. 28, 1993.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2 day of July, 1991.

SS 463822269

By: Ann Stiernberg Stone
Name: _____
Address: 1513 Little Creek
Narlingen
Tx 79550

453 42 3556
By: K. Douglas Stone
Name: _____
Address: 1513 Little Creek Drive
Narlingen, Texas
79550

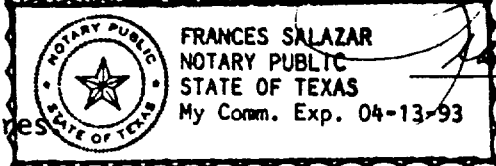
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF CAMERON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared Ann Stiernberg Stone and K. Douglas Stone to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
4/13/93



Frances T. Salazar
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

OF UNIT AGREEMENT
THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of May, 1991.

By: Betty H. Adkins
Name: _____
Address: _____
Betty H. Adkins
7107 S. Hudson Circle
Littleton, Colo. 80122

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado }
COUNTY OF Animas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of May, 1991, personally appeared Betty H. Adkins and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Karen J. Walters
Notary Public

My Commission Expires:
9-28-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of May, 1991.

By: Jones Robinson et al

Name: James Robinson et al

Address: Box 2076

Roswell, N.M. 88208

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF N.M.

COUNTY OF Chaves

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of May, 1991, personally appeared James Robinson et al to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Robert L. Heuring
Notary Public

My Commission Expires: 4-25-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of July, 1991.

By: *James A. Foster*
Name: _____
Address: _____
JAMES A. FOSTER
1901 West Avenue J
Lovington, New Mexico 88260

By: *Joyca J. Foster*
Name: _____
Address: _____
JOYCA J. FOSTER
1901 West Avenue J
Lovington, New Mexico

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF LEA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared JAMES A. FOSTER and JOYCA J. FOSTER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Henry A. Plante
Notary Public

My Commission Expires:
July 8, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of JUNE, 1991.

By: _____
Name: _____
Address: _____

By: X [Signature]
Name: PAT Corrigan, TRUST
Address: P.O. Box 2410
VERO Beach
FL 32961

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida SS:
COUNTY OF Indian River

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of June, 1991, personally appeared PAT Corrigan and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____

NOTARY PUBLIC, STATE OF FLORIDA
My Commission Expires Feb. 18, 1993
BONDED THRU NOTARY PUBLIC UNDERWRITERS

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1st day of July, 1991.

By: Eleanor M. Graham
Name: ELEANOR M. GRAHAM
Address: 96 KAREN CT.
VALLE JO CA
94590

By: _____
Name: _____
Address: _____

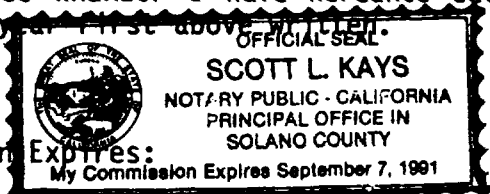
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIF. }
COUNTY OF SOLANO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1st day of JULY, 1991, personally appeared ELEANOR M. GRAHAM and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Scott L. Kays
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: [Signature]
Name: EXECUTIVE DIRECTOR
Address:

BOYS & GIRLS CLUBS OF PASADENA
3230 S. DEL MAR BLVD
PASADENA CA 91107

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

X
STATE OF CALIFORNIA }
COUNTY OF Los Angeles } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6 day of June, 1991, personally appeared ROBERT N. MONK, EXECUTIVE DIRECTOR
BOYS & GIRLS CLUBS OF PASADENA
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its EXECUTIVE DIRECTOR

and acknowledged to me that he executed the same as A free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Cathleen M. Hubbard
Notary Public

My Commission Expires: MAY 10, 1993



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1st day of July, 1991.

By: George Hammond
Name: George Hammond
Address:
1253 Colonial Pkwy
Clarks NM 88101

By: Helen J. Hammond
Name: Helen J. Hammond
Address:
1253 Colonial Pkwy
Clarks N.M.
88101

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Curry) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1st day of July, 1991, personally appeared George Hammond and Helen J. Hammond to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Katie Martin
Notary Public

My Commission Expires:
April 5, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

NOTARY RECORD
1991

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2 day of JULY, 1991.

By: Larry K. Lowe

Name: LARRY K. LOWE

Address: 2313 BROADWAY

LUBBOCK TEXAS
79401

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Lubbock } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of July, 1991, personally appeared LARRY K LOWE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lue Jackson
Notary Public

My Commission Expires:
1/30/93

A2JUT
2090339 DMA.1
JUL 2 - JUL 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: Patsy Finley Thompson

Name:

Address:

624 E. Magallon
Mesa AZ 85710

By: _____

Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

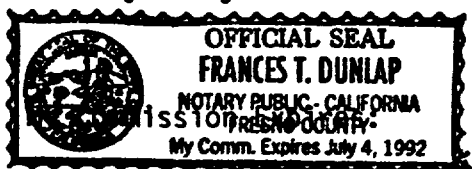
STATE OF _____

COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of June, 1991, personally appeared Patsy Finley Thompson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Frances T. Dunlap
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

1991 JUN -2 PM 10:18

Frances T. Dunlap
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27th day of June, 1991.

By: Melvyn N. Wagner Jr.
Name: MELVYN N. WAGNER JR
Address:
P.O. Box 2781
Silverdale, Wa. 98383

By: Bobbie E. Wagner
Name: BOBBIE E. WAGNER
Address:
P.O. Box 2781
Silverdale, Wa. 98383

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WASHINGTON }
COUNTY OF KITSAP } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of JUNE, 1991, personally appeared MELVYN N. WAGNER, JR. and BOBBIE E. WAGNER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

James V. Washit
Notary Public

My Commission Expires:
2/9/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

1001 W -2 M 10 11

Notary Public
JUN 27

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

UNIVERSITY OF SOUTHERN CALIFORNIA

By: Thomas H. Moran
Name: THOMAS H. MORAN
Address: VICE PRESIDENT, BUSINESS AFFAIRS

By: _____
Name: _____
Address: _____

UNIVERSITY OF SOUTHERN CALIFORNIA
OFFICE OF PROPERTY MANAGEMENT
3375 SOUTH HOOVER STREET, SUITE E
LOS ANGELES, CALIFORNIA 90007

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

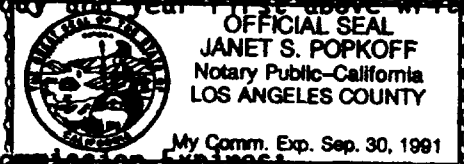
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June 1991, personally appeared
Thomas H. Moran

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as a free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires
September 30, 1991

Janet S. Popkoff
Notary Public
Janet S. Popkoff

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: [Signature]
Name: Charles H. Coll
Address: P.O. Box 1818
Roswell NM 88201

By: [Signature]
Name: Jon F. Coll
Address: P.O. Box 1818
Roswell NM 88201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF N.M. }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Charles H. Coll and Jon F. Coll to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
9-20-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Gloria McFarland
Name: Gloria McFarland, Trustee of

Address: of O. L. Grimes Trust

4529 S. Harvard - Suite 160
Tulsa, Okla 74135

By: Gloria McFarland
Name: Gloria McFarland, Trustee of

Address: C. W. Grimes Trust

4520 S. Harvard - Suite 160
Tulsa, Okla. 74135

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Gloria McFarland and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Gaylene Roberts
Notary Public

My Commission Expires:
11-27-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

FOR THE BANK
OF CALIFORNIA, N.A.
TR. UNDER
DECLARATION
DTD 12-23-88
TR. DEEKEN
NO. 2.2010

By: *Salvador Castaneda*
Name: Salvador Castaneda
Address: ASSISTANT VICE PRESIDENT
SENIOR TRUST REAL ESTATE OFFICER
P.O. BOX 45194
SAN FRANCISCO, CA 94145

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC

This R & J ratifies:

STATE OF _____ }
COUNTY OF _____ } S

Tract #	DBF #	OPER
85	2683	TEX
92	2748	TEX
97	2814	TEX

Before me, the undersigned on this _____ day of _____, and _____ executed the within and fo executed the same as their purposes therein set forth.

IN WITNESS WHEREOF I ha the day and year first above

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF California)
COUNTY OF San Francisco) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of June 1991, personally appeared Salvador Castaneda

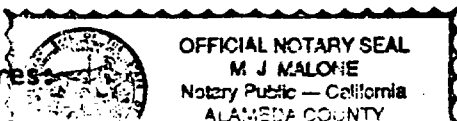
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Assistant Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

M. J. Malone
Notary Public

My Commission Expires June 12, 1994



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: Harriet M. Hosmer

Name: Harriet M. Hosmer POA
Address: for Philip B. Hosmer
3930 N. Pine Grove
Apt. 1005
Chicago, IL 60613

By: _____

Name: _____

Address: _____

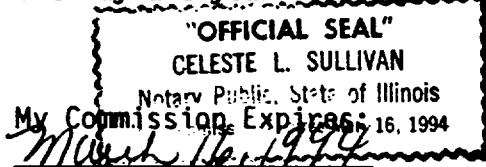
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois)
COUNTY OF Cook)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared Harriet M. Hosmer, POA for Philip B. Hosmer to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Celeste L. Sullivan
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared He (Phillip) is

to me known to be the
to the foregoing inst

and acknowledged to
and deed and as the
uses and purposes the

IN WITNESS WHERE
the day and year first

listed twice on p. 12
Once w/ here & once
w/oot her.

name of the maker thereof

free and voluntary act
such corporation, for the

affixed my official seal

Notary Public

My Commission Expires

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of JUNE, 1991.

By: Thomas W. Pettit
Name: THOMAS W. PETTIT
Address: 151 W. TRINITY RD.
GREEN ELLEN
CA. 95442

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF Sonoma) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared Thomas W. Pettit and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

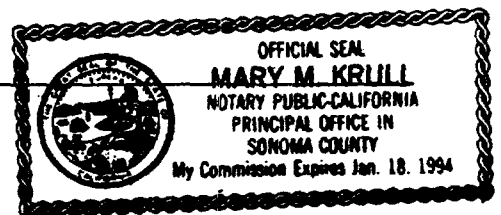
IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Mary M. Krull
Notary Public

My Commission Expires:
Jan 18, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of May, 1991.

By: Viola West
Name: Viola West
Address:
200 Rose Road Apt. A
Albertville, AL 35950

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Alabama)
COUNTY OF Marshall) SS:

Before me, the undersigned, a Notary Public for said County and State, on this 31 day of May, 1991, and Viola West the identical person(s), who executed the within and foregoing acknowledged to me that he executed the same as their free act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have here set my hand and affixed my official seal the day and year first above written.

Stephen S. Bader
Notary Public

My Commission Expires:
February 1, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27th day of June, 1991.

Kenneth H. Gray d/b/a
Mountain Home Oil Company
By: [Signature]
Name: Kenneth H. Gray
Address: 4505 Meadowlark Lane
Midland, TX 79707

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Midland) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of June, 1991, personally appeared Kenneth H. Gray and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____



Courtney S. Smith
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27 day of June, 1991.

By: Mary E. Riddle
Name: _____
Address: 1434 Smolian Pl
Birmingham, AL
35205

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Alabama
COUNTY OF Jefferson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of June, 1991, personally appeared MARY E. RIDDLE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Linda D. Sauls
Notary Public

My Commission Expires:
9-24-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: Dorothy M. Barber
Name: _____
Address: _____
Dorothy M. Barber
5521 E. SPRING
TUCSON, AZ 85712

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona)
COUNTY OF Pima) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of JUNE, 1991, personally appeared Dorothy M Barber and N/A to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Cristine E. Frijoles
Notary Public

My Commission Expires:

My Commission Expires August 8, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: *Clifford Campbell*
Name: _____
Address: _____
Clifford Campbell
P.O. Box 112
Ouray, Co. 81427

By: *Jacqueline Fields Campbell*
Name: _____
Address: _____
Jacqueline Fields Campbell
P.O. Box 112
Ouray, Co. 81427

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Ouray) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of June, 1991, personally appeared Clifford Campbell and Jacqueline Fields Campbell to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Bessie Wilson
Notary Public

My Commission Expires:
11/30/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 June, 1991.

By: _____
Name: _____
Address: _____

By: E. B. Honnold (Trustee)
Name: E. B. Honnold, Trustee Under
Address: Revocable Trust Agreement dtd
8/31/71
3030 N. W. Expressway, Suite 400
Oklahoma City, OK 73112

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Oklahoma) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 26th day of June, 1991, personally appeared E. B. Honnold and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Dorothy McDonald
Notary Public

My Commission Expires:
October 21, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: <u>Judy D. Branom</u> Name: <u>Judy D. Branom</u> , Address: <u>Assistant Secretary</u>	THE BAPTIST FOUNDATION OF OKLAHOMA By: <u>James H. Lockhart</u> Name: <u>James H. Lockhart</u> Address: <u>Vice President and General Counsel</u>
TAX I.D. # <u>73-0623038N</u>	<u>3800 N. May Ave.</u> <u>Oklahoma City, OK 73112</u>

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma)
COUNTY OF Oklahoma) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of June 1991, personally appeared

James H. Lockhart

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and General Counsel

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Louis L. Warr
Notary Public

My Commission Expires:

March 2, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of JUNE, 1991.

By: *Robert C. Curtis*
Name: _____

Address: _____
ROBERT C CURTIS
P O BOX 2104
AVILA BEACH, CA 93424

By: *Betty*
Name: _____

Address: _____
BETTY C CURTIS
P O BOX 2104
AVILA BEACH, CA 93424

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

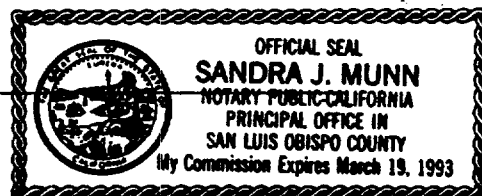
STATE OF CALIFORNIA)
COUNTY OF SAN LUIS OBISPO) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of JUNE, 1991, personally appeared ROBERT C CURTIS and BETTY C CURTIS to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sandra J. Munn
Notary Public

My Commission Expires:
3-19-93



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 June, 1991.

By: _____
Name: _____
Address: _____

By: E. B. Honnold (Trustee)
Name: E. B. Honnold, Surviving Trustee
Address: J. Frank Buck Revocable Trust
3030 N. W. Expressway, Suite 400
Oklahoma City, OK 73112

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma)
COUNTY OF Oklahoma) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 26th day of June, 1991, personally appeared E. B. Honnold and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~their~~ ^{her} free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Dorothy McDonald
Notary Public

My Commission Expires:
October 21, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25th day of June, 1991.

By: Harry J. Gaston Jr.
Name: Harry J. Gaston Jr.
Address: 12 Hickory Shadows
Houston Texas 77055

By: Ruby B. Gaston
Name: Ruby B. Gaston
Address: 12 Hickory Shadows
Houston TX 77055

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25th day of June, 1991, personally appeared HARRY J. GASTON, JR. and RUBY B. GASTON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sandra A. Wilder
Notary Public

My Commission Expires: SANDRA A. WILDER
Notary Public, State of Texas
My Commission Expires May 24, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 to be held or which may arise under existing option agreements, unitized substances, covering any lands within which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding on the undersigned, their successors and assigns.

EXECUTED this _____ day of _____, 199

By: Maria Mooers
Name: MARIA MOOERS, MOOERS OIL
Address:

P.O. BOX 272829
HOUSTON TX 77277

By: _____
Name: _____
Address: _____

6/27/91
Forgive the informality
and the delay as
these documents must
be reviewed away from
our office - Please call
Tessa McCall (713) 785-6339
If you have any questions.
Thank you

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS)

SS: 76-0125245

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Harris)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of June 1991, personally appeared Maria Mooers

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that she executed the same as a free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Tessa McCall
Notary Public

My Commission Expires: 04/03/93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of JUNE, 1991.

By: John Knox Moore Jr.
Name: John Knox Moore, Jr.
Address: P.O. Box 1389
Brady, Tx. 76825-1389

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF McCulloch } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of June, 1991, personally appeared John Knox Moore Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 8/21/92



Shirley Henderson
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest. SUBJECT TO THE ATTACHED.

This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 11th day of June, 1991.

By: Judith L. Gerth By: _____
Name: Judith L. Gerth, Vice Name: _____
Address: The Catholic President Address: _____
Church Extension Society of the _____
United States of America _____
35 E. Wacker Dr., Chicago, IL 60601

*For Reg-
Logged
7/1*

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Illinois }
COUNTY OF Cook } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Judith L. Gerth of The Catholic Church Extension Society of the United States of America to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Patricia A. Rawlin
Notary Public

My Commission Expires: Sept. 4, 1993

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of May, 1991.

MAIN STREET HOLDING COMPANY

By: _____
Name: _____
Address: _____

By: [Signature]
Name: _____
Address: _____
CHARLES G. HAAKE JR
PO Box 381
San Leo 46201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Kansas)
COUNTY OF Johnson) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Charles G. Haake

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires: 7/27/94

CAROL K. SQUIRES
Notary Public - State of Kansas
My Appt. Expires 7/27/94

(RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of June, 1991.

By: 

Name: Peter Morgan Edson

Address: PETER M. EDSON

P.O. BOX 351

ENFIELD, NH

03748

By: 

Name: Melanie Regan Edson

Address:

P.O. BOX 351

Enfield, NH

03748

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

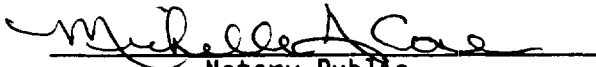
STATE OF New Hampshire)

SS:

COUNTY OF Grafton)

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of June, 1991, personally appeared Peter Morgan Edson and Melanie Regan Edson to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires:
December 17, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)

SS:

COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of June, 1991.

By: Joan N. Brown
Name: Joan N. Brown
Address: 7154 Caledonia Ln
Columbia SC 29209

By: Terry W. Brown
Name: Terry W. Brown
Address: 7154 Caledonia Ln
Columbia S.C. 29209

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF South Carolina }
COUNTY OF Richland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of June, 1991, personally appeared Terry W. Brown and Joan N. Brown to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Cheryl Hartley
Notary Public

My Commission Expires:
May 12, 1997

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: Matthew T. Gedge
Name: _____
Address: _____
Matthew T. Gedge
407 South St
Dundee IL 60118

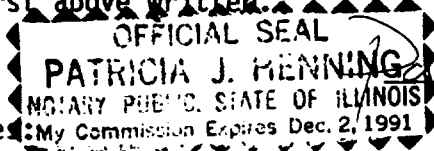
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois }
COUNTY OF Kane } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of June, 1991, personally appeared Matthew T. Gedge and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: 12/2/91

Patricia J. Henning
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Illinois }
COUNTY OF Kane } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of June, 1991, personally appeared

Matthew T. Gedge

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: 12/2/91

Patricia J. Henning
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Revill W. Razzeto
Name: REVILL W. RAZZETO
Address: 3104 Amherst
Dallas, TX 75225

By: Guy B. Razzeto
Name: GUY B. RAZZETO
Address: 3104 Amherst
Dallas TX 75225

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF DALLAS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of JUNE, 1991, personally appeared REVILL W. RAZZETO and GUY B. RAZZETO to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Nora Phillips
Notary Public
NORA PHILIPS, Notary Public
in and for Dallas County, Texas
My Commission Expires _____

My Commission Expires:
5-24-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of MAY, 1991.

By: Norman A. Welhoelter
Name:
Address:

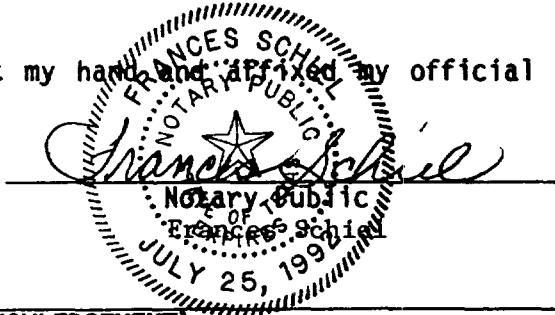
By: Florence K. Welhoelter
Name:
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May, 1991, personally appeared NORMAN A. WELHOELTER and FLORENCE K. WELHOELTER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires:
7-25-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

By: Amanda R. Ritchie
Name: Amanda R. Ritchie, Secretary
Address:
Deltex Royalty Co., Inc.
P.O. Box 1778
Colo. Springs, Co. 80901

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Colorado)
COUNTY OF El Paso) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May 1991, personally appeared
Amanda R. Ritchie

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Secretary

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Patricia Zynen
Notary Public
Patricia Zynen

My Commission Expires: _____

(RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of JUNE, 1991.

By: [Signature] TRUSTEE
Name: CLINTON M. HOOSE JR.
Address: FAMILY MINERAL INT. TRUST
2716 PEBBLE DRIVE
CORONA DEL MAR, CA
92625

By: [Signature] TRUSTEE
Name: CLINTON M. HOOSE JR. FAMILY
Address: MINERAL INT. TRUST
2716 PEBBLE DRIVE
CORONA DEL MAR, CA
92625

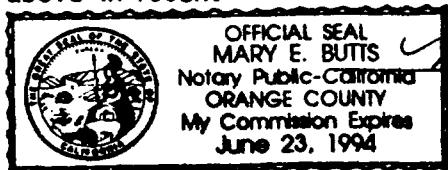
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Orange } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Clinton M. Hoose, Jr. and Melissa M. Hoose to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
6-23-94



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

VIOLET E. MILEY TRUST

HANCOCK BANK, GULFPORT, MISSISSIPPI

By: _____
Name: _____
Address: _____

By: Dancy W. Thorne
Name: BY: Dancy W. Thorne
Address: VICE PRESIDENT & TRUST OFFICER
P.O. Box 4019
Gulfport, Ms. 39502

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Miss. }
COUNTY OF L Harrison } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared

Dancy W. Thorne of Hancock Bank
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President & Trust Officer
and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Jean B. Johnson
Notary Public

My Commission Expires:
MY COMMISSION EXPIRES JULY 25, 1993

(RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of June, 1991.

By: Geoffrey Blake Phillips
Name: _____
Address: 557 Biscuit Ct
Kennerly, NC 27287

By: _____
Name: _____
Address: _____

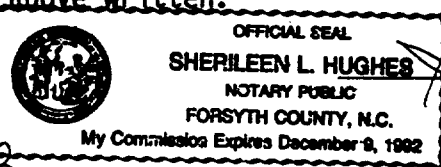
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF North Carolina }
COUNTY OF Forsyth } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25th day of June, 1991, personally appeared Geoffrey Blake Phillips and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: December 9, 1992



Sherileen L. Hughes
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14 day of June, 1991.

By: Debra Lee Dupray
Name: _____
Address: _____
DEBRA LEE DUPRAY
12040 JERUMARK Circle
TUCSON, ARIZONA 85749

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA
COUNTY OF YUMA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared DEBRA LEE DUPRAY and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public
Notary Public

My Commission Expires:
My Commission Expires February 24, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Edward R. Hudson, Jr. By: _____
Name: Edward R. Hudson, Jr. Name: _____
Address: P.O. Box 17105 Address: _____
Fort Worth, TX 76102 _____

Trustee J.M. & H. K. Jones Trust
Account 056 259 5

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS }
COUNTY OF TARRANT } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June 1991, personally appeared Edward R. Hudson, Jr., Trustee J. M. & H. K. Jones Trust

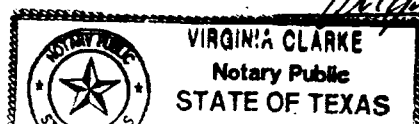
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Virginia Clarke
Notary Public

My Commission Expires: _____



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: <u><i>Edward R. Hudson, Jr.</i></u> Name: Edward R. Hudson, Jr. Address: 616 Texas Street Fort Worth, Texas	By: _____ Name: _____ Address: _____
--	--

Trustee Hudson New Mexico Mineral Trust

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF TARRANT) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6TH day of June 1991, personally appeared Edward R. Hudson, Jr., Trustee Hudson New Mexico Mineral Trust

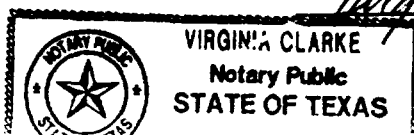
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Virginia Clarke
Notary Public

My Commission Expires: 7/31/92



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of May, 1991.

HINKLE INVESTMENT COMPANY

By: _____
Name: _____
Address: _____

By: James L. Hinkle
Name: James L. Hinkle
Address: P. O. Box 2002
Roswell, N.M. 88202

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT) for Limited Partnership

STATE OF NEW MEXICO }
COUNTY OF CHAVES } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of May 1991, personally appeared James L. Hinkle, General Partner of Hinkle Investment Company, a Limited Partnership, to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its General Partner

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such ~~corporation~~ limited partnership for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Donny M. Rogers
Notary Public

My Commission Expires: 11-5-93

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of
and Operation of the North Monument Graybur
State of New Mexico, dated May 1, 1991, in
States Bureau of Land Management, Commissi
New Mexico and the New Mexico Oil Conserv
interest owner hereby expressly ratifi
Agreement, as fully as though the undersign

This Ratification and Joinder shall
interests in any lands and leases or int
held or which may arise under existing c
unitized substances, covering any lands
undersigned may be found to have an oil or

This Ratification and Joinder shall
successors and assigns.

EXECUTED this 21st day of May

Attached to letter
reg. R&J's for
Cyrine Inman +
Cyrine Mapel.
See no reason
Not to log Luthy
See Luthy, Fred
Indiv.

Development
lea,
ited
of
alty
Unit
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ed's
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s in
the

its

By: _____
Name: _____
Address: _____

By: _____
Name: _____
Address: _____
P.O. Box 26900
Albuquerque, NM 87125-6900

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____, 1991, personally appeared _____
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 21st day of May 1991, personally appeared Catherine E. Rugen,
Trust Officer of Sunwest Bank of Albuquerque, N.A., a national
banking association
to me known to be the identical person who subscribed the name of the maker thereof
to the foregoing instrument as its Trust Officer

and acknowledged to me that she executed the same as her free and voluntary act
and deed and as the free and voluntary act and deed of such corporation, for the
uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires: July 6, 1991

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT COALBURN

In consideration of the
and Operation of the North Mo
State of New Mexico, dated Ma
States Bureau of Land Managen
New Mexico and the New Mexicc
interest owner hereby expre
Agreement, as fully as though

This Ratification and Jo
interests in any lands and li
held or which may arise unde
unitized substances, covering
undersigned may be found to hav

This Ratification and Joi
successors and assigns.

EXECUTED this 21st day of May, 1991.

Sunwest Bank of Albuquerque, N.A.
By: Trustee for Defiance Coal Co By: _____
Name: Catherine E. Rugen Name: _____
Address: BY: Catherine E. Rugen, Trust Officer Address: _____
P.O. Box 26900 _____
Albuquerque, NM 87125-6900 _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____, 1991, personally appeared _____
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 21ST day of MAY 1991, personally appeared Catherine E. Rugen,
Trust Officer of Sunwest Bank of Albuquerque, N.A., a national
banking association
to me known to be the identical person who subscribed the name of the maker thereof
to the foregoing instrument as its Trust Officer

and acknowledged to me that she executed the same as her free and voluntary act
and deed and as the free and voluntary act and deed of such corporation, for the
uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Delores M. Burke
Notary Public

My Commission Expires: July 6, 1991

the Development
1, County of Lea,
lf of the United
of the State of
tersigned royalty
lopts said Unit
ginal agreement.

he undersigned's
alties presently
her interests in
in which the

ndersigned, its

Attached to letter
leg. R.I.'s for
Catherine Inman &
Catherine Mapel

See no reason not
to log Defiance
See Defiance - C/I's

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: _____
Name: _____
Address: _____

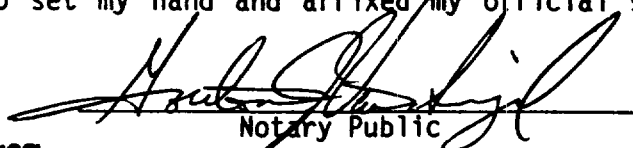
By: Claudia Finley Overly
Name: Claudia Overly
Address: 719 Southbrook SE

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Michigan }
COUNTY OF Kent } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Claudia Finley Overly and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires: GORDON J. VANSINGEL
Notary Public, Kent County, MI
My Commission Expires Nov. 18 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28 day of June, 1991.

By: [Signature]
Name: Debra Lowe Finn
Address:

LATUQUE, Gavaudan
47150 MONFLAUDUN
FRANCE

By: [Signature]
Name: Ronald Ray Finn
Address:

LATUQUE, Gavaudan
47150 MONFLAUDUN
FRANCE

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

Département du LOT-ET-GARONNE
Arrondissement de VILLENEUVE-S/LOT
COMMUNE DE
GAVAUDUN
47150 GAVAUDUN
Tél. 05 63 48 00 00

STATE OF FRANCE }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of June, 1991, personally appeared Debra Lowe Finn and Ronald Ray Finn to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Maurice CAUMIERES Maire
Notary Public

My Commission Expires:
Mars 1995



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7th day of June, 1991.

By: [Signature]
Name: _____
Address: PO Box 1225
LOVINGTON NM 88260

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Lea) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Kirby D. Schenck and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
June 27, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

~~By:~~ Separate property
~~Name:~~ by inheritance
~~Address:~~ CC Art.2334

By: Robert Booth Kellough
Name:
Address: 3824 North River Road
Port Allen LA 70767

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF LOUISIANA)
PARISH West) SS:
COUNTY OF Baton Rouge

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Robert Booth Kellough and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Thomas J. L. Blane
Notary Public

My Commission Expires:
6/30/92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of June 1991.

By: x

Name: DAVID BOND KYTE

Address:

802 Alameda Padre Serra
Santa Barbara, CA 93103

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Santa Barbara } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of June, 1991, personally appeared David Bond Kyte and presented to me to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: 6/25/93

Diana Y. Simmons
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of MAY, 1991.

JANNA VIALE

By: Janna Viale
Name: Janna Viale
Address: PARKVEIEN 51
08202 0256
NORWAY

By: MAURICE VIALE
Name: MAURICE VIALE
Address: PARKVEIEN 51
0256 08202
NORWAY

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NORWAY }
COUNTY OF OSLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared Janna Viale and Maurice Viale to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Berit Hodder Brekke
Notary Public
Berit Hodder Brekke
dfm.

My Commission Expires:
Indefinitely

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

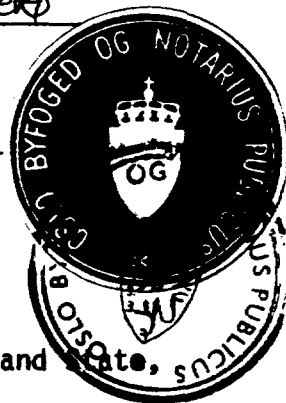
_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.

By: James N. Coll
Name: James N. Coll
Address: PO BOX 1818
Roswell NM 88201

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared James N. Coll and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lo Ann Ford
Notary Public

My Commission Expires:
9-20-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of June, 1991.

By: Robert B. Crotty
Name: Robert B. Crotty
Address:
4100 First City Center
1700 Pacific Avenue
Dallas, Texas 75201

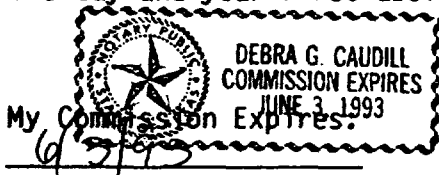
By: Sarah S. Crotty
Name: Sarah S. Crotty
Address:
4100 First City Center
1700 Pacific Avenue
Dallas, Texas 75201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Dallas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of June, 1991, personally appeared Robert B. Crotty and Sarah S. Crotty to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Debra G. Caudill
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of JUNE, 1991.

By: Raymond E Harris
Name: RAYMOND E HARRIS
Address:

12313 N 71ST DRIVE
PEORIA, AZ 85381

SS# 478-38-1305

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona }
COUNTY OF Murcopia } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of JUNE, 1991, personally appeared Raymond E Harris and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Katherine H. Burkhardt
Notary Public

My Commission Expires:

My Commission Expires Sept. 30, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of June, 1991.

By: Mollie S. Guion
Name: _____
Address: MOLLIE S. GUION
600 PARK BLVD.
AUSTIN, TX 78751

By: Gerald R. Richard
Name: _____
Address: 600 Park Blvd
Austin, Tx 78751

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Texas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 25th day of June 1991, personally appeared Mollie S. Guion and GERALD R. RICHARD to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lula Daves
Notary Public

My Commission Expires: September 28, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of June, 1991.

By: Marilyn M. Eager
Name: Marilyn M. EAGER
Address: 542 S Higley # 1
Mesa AZ 85206

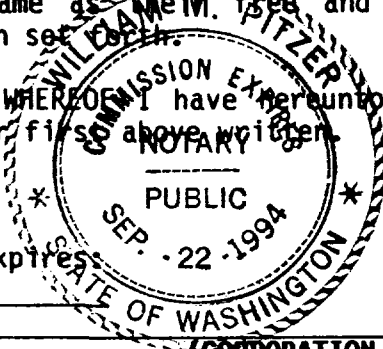
By: George Eager
Name: George Eager
Address: 542 S. Higley # 1
Mesa AZ 85206

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Washington }
COUNTY OF Franklin } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of June 1991, personally appeared GEORGE EAGER and Marilyn Eager to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



William H. Fitzgerald
Notary Public

My Commission Expires: 9/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 22nd day of May, 1991.

By: _____
Name: _____
Address: _____

By: N. P. Robinson
Name: _____
Address: DBA
AMERICAN INNOVATIVE
ROYALTY SYSTEMS
P. O. BOX 717
POINTBLANK, TEXAS 77364

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Louisiana }
Parish Caddo } SS:
COUNTY OF Caddo

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of May, 1991, personally appeared W. P. Robinson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Debra G. Scott
Notary Public

My Commission Expires: _____

DEBRA G. SCOTT, Notary Public
Caddo Parish, Louisiana
My Commission is for Life

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Melvyn N. Wagner, Sr.
Name: MELVYN N. WAGNER, SR
Address: _____

Box 1524
Ruidoso, N.M. 88345

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ and _____ executed the within and for _____ executed the same as their purposes therein set forth.

IN WITNESS WHEREOF I have set my hand and the day and year first above written.

My Commission Expires: _____

STATE OF NEW MEXICO }
COUNTY OF LINCOLN }

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May 1991, personally appeared

MELVYN N. WAGNER, SR.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its PERSONAL REPRESENTATIVE FOR JANE WEIR ANDRUS ESTATE and acknowledged to me that HE executed the same as A free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sandra J. Knox
Notary Public

My Commission Expires:
April 18, 1992

- RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of May, 1991.

By: _____
Name: _____
Address: _____

By: Ralph Nix, Jr. Ralph Nix, Jr. as Personal
Name: _____ Representative of the Estate
Address: _____ of Ralph Nix, deceased, and
P. O. Box 440 Attorney-in-Fact for Frances
Artesia, NM 88211-0440 Nix, Individually.

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF New Mexico }
COUNTY OF Eddy } SS:

Before me, the undersigned, a Notary Public on this 16th day of May, 1991, personally Ralph Nix & AIE for Frances Nix, Individ. to me know executed the within and foregoing instrument executed the same as their free and voluntary purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and year first above written.

My Commission Expires: 1/25/94

Please log for:
Ralph Nix Estate
Ralph Nix, Jr. Pres.
Rep. for the uses
Shan RA

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31 day of MAY, 1991.

JANNA VIALE

By: Janna Viale
Name: JANNA VIALE
Address: PARKVEIEN 51
0256 OSLO 2
NORWAY

By: MAURICE VIALE
Name: MAURICE VIALE
Address: PARKVEIEN 51
0256 OSLO 2
NORWAY

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NORWAY }
COUNTY OF OSLO } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared Janna Viale and Maurice Viale to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Berit Hodder Brekke
Notary Public
Berit Hodder Brekke
dfm.

My Commission Expires:
Indefinitely

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

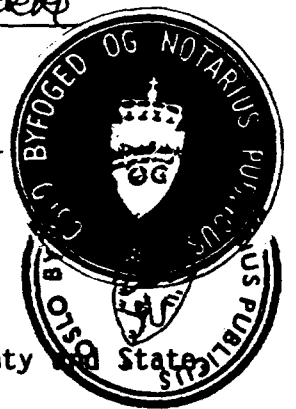
_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of June, 1991.

By: James E. Day
Name:

Address:
8111 Preston Road, Suite 750
Dallas, TX 75225

By: _____
Name:

Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of June, 1991, personally appeared James E. Day, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
3-5-94



Tina E. Nell
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of JUNE, 1991.

By: <u>Robert E. Kershaw Sr</u> Name: _____ Address: <u>PO Box 1407</u> <u>MUSKOGEE, OK</u> <u>74402-1407</u>	By: <u>Separate Property</u> Name: _____ Address: _____ _____ _____
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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF MUSKOGEE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of JUNE, 1991, personally appeared ROBERT E. KERSHAW ~~and~~ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Ronda Lou Rowe
Notary Public

My Commission Expires:
NOVEMBER 18, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 21 day of JUNE, 1991.

By: Barbara P. Russell
Name: 11 Bantley Rd
Address: Southern, Me 01772

By: _____
Name: _____
Address: _____

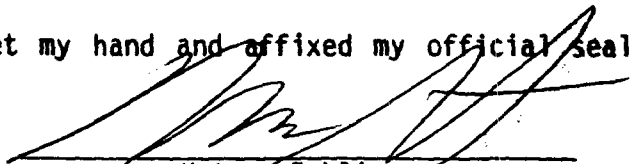
Barbara P. Russell as
custodian for Unfield
P. Russell

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Massachusetts }
COUNTY OF Worcester } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 21 day of JUNE, 1991, personally appeared Barbara P. Russell and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Notary Public

My Commission Expires: 7/15/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: _____
Name: _____
Address: _____

By: Richard S. T. Marsh, Co-P.R.
Name: Richard S. T. Marsh, Co-P.R.
Address: Estate of June P. Carey
888 Sixteenth Street, N.W.
Washington, D.C. 20006

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF District of Columbia }
COUNTY OF Columbia } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 1991, personally appeared Richard S. T. Marsh and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Marilyn R. Presci
Notary Public

My Commission Expires:
April 14, 1996

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

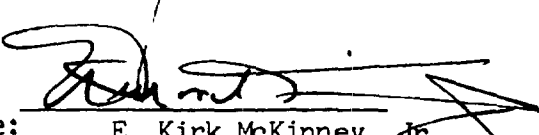
In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

By: _____
Name: _____
Address: _____

By: 
Name: E. Kirk McKinney, Jr.
Address: Estate of June P. Carey
c/o Richard S. T. Marsh
888 Sixteenth Street, N.W.
Washington, D.C. 20006

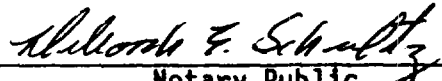
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF INDIANA }
COUNTY OF MARION } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5 day of June, 1991, personally appeared E. Kirk McKinney and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
May 13, 1995


Notary Public
Deborah E. Schultz
Resident of Johnson County

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 30 day of May, 1991.

By: _____
Name: _____
Address: _____

By: Robert H. McKinney
Name: Robert H. McKinney
Address: Estate of June P. Carey
c/o Richard S. T. Marsh
888 Sixteenth Street, N.W.
Washington, D.C. 20006

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Indiana }
COUNTY OF Marion } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 30th day of May, 1991, personally appeared Robert H. McKinney and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon J. Sanford
Notary Public

My Commission Expires:

Jan. 18, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: _____
Name: _____
Address: _____

By: Rubie C. Bell
Name: Rubie C. Bell Rubie Crosby Bell, a married woman, dealing hereinafter in her sole and separate estate.
Address: 1331 Third St.
New Orleans, LA 70130
SS# 525-60-7045

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Louisiana
COUNTY OF Orleans } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18 day of JUNE, 1991, personally appeared Rubie C. Bell and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

John H. Wells
Notary Public
Orleans Parish, LA

John H. Wells
Notary Public

My Commission Expires: at death

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of June, 1991.

By: *Bruce A. Lipshy*
Name: Bruce A. Lipshy
Address: 5956 Sherry Lane #1420
Dallas, Texas 75225

By: _____
Name: _____
Address: _____

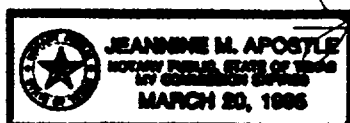
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of June, 1991, personally appeared Bruce A. Lipshy and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 3/20/95



Jeannine M. Apostle
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of JUNE, 1991.

By: Therese Juell
Name: _____
Address: _____
THERESE JUELL
O. HANSHOLL V No. 1
1265 OSLO
NORWAY

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NORWAY }
COUNTY OF _____ } SS: 19062234809 (Norwegian)

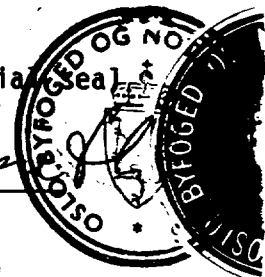
Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of JUNE, 1991, personally appeared Therese Juell and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official Seal the day and year first above written.

Pernille P. Smith
Notary Public

My Commission Expires:
Indefinitely

Pernille Pattersen Smith
44m



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15 day of June, 1991.

By: John E. Gaither
Name: John E. Gaither
Address: Box 45
Galveston Tex 77536

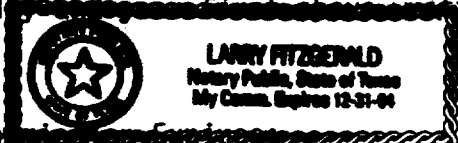
By: Charlene Gaither
Name: Charlene Gaither
Address: Box 45
Galveston Tx 77536

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF KING } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15 day of JUNE, 1991, personally appeared JOHN E. GAITHER and CHARLENE GAITHER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires 12-31-94

Larry Fitzgerald
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of June, 1991.

By: [Signature]
Name: Joseph P. Nickson
Address: 205 W 19th St
NYC 10011

By: [Signature]
Name: MARY L. NICKSON
Address: 205 W 19th St
NYC 10011

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NY)
COUNTY OF NY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of JUNE, 1991, personally appeared Joseph P. Nickson and MARY L. NICKSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

DANIEL T. MARRONE
My Commission Expires: Notary Public, State of New York
No. 01MA 4950808
Qualified in Suffolk County
Commission Expires May 8, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of JUNE, 1991.

By: W.H. Banta Jr.
Name: _____
Address: P.O. Box 707
MONTGOMERY, TX 77356

By: _____
Name: _____
Address: _____

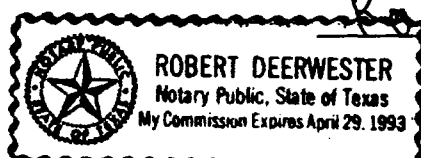
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF MONTGOMERY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of JUNE, 1991, personally appeared D.A. BANTA, JR and SAME to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 4-29-93



Robert Deerwester
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of JUNE, 1991.

By: Ethyle Virginia Carpenter
Name: Ethyle Virginia Carpenter
Address:
722 Sunset
Burkburnett, Texas 76354

By: _____
Name: _____
Address: _____

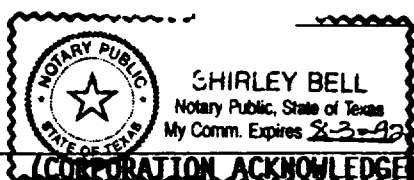
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Wichita } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Ethyle Virginia Carpenter and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
8-30-92



Shirley Bell
Notary Public

(CORPORATION ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14 day of JUNE, 1991.

By: <u>Samuel B. Ricks, Jr.</u> Name: <u>Samuel B. Ricks, Jr.</u> Address: <u>15470 Miller Road</u> <u>St Hedwig, TX 78152</u>	By: <u>Unita Ricks</u> Name: <u>Unita Ricks</u> Address: <u>15470 Miller Rd.</u> <u>St Hedwig, TX 78152</u>
---	--


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Bexar } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14 day of June, 1991, personally appeared Samuel B. Ricks, Jr. and Unita Ricks to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 7/8/94



KATHLEEN A. HARDIN
Notary Public
State of Texas
My Comm. Exp. 07-08-94

Kathleen A. Hardin
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: [Signature]
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Texas) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared Sue Ellen Weir and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
3-16-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of June, 1991.

By: Ray Norton
Name: _____
Address: _____
RAY NORTON
700 NORTH PNM
RESERVE NM 88201

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Chaves) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of June, 1991, personally appeared Ray Norton and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

George E. England Jr.
Notary Public

My Commission Expires:
11-7-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: Bernice Laughlin
Name:
Address:
1906 S. Espina #7
Las Cruces, N.M.
88001

By: J. B. Laughlin
Name:
Address:
1906 S. Espina #7
Las Cruces, N.M. 88001

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF COLORADO)
COUNTY OF MESA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of JUNE, 1991, personally appeared J. B. LAUGHLIN and Bernice Laughlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
March 17, 1994

Patricia J. Coates
Notary Public
United Bank Center
Grand Jct., Co 81501

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10th day of June, 1991.

By: <u>Woodlan Perry Saunders</u> Name: <u>WOODLAN PERRY SAUNDERS</u> Address: <u>P.O. Box 1536</u> <u>SANTA FE, NEW MEXICO</u> <u>87504</u>	By: <u>Kyle Ann Schultz</u> Name: <u>KYLE ANN SCHULTZ</u> Address: <u>60 ENCANTADO LOOP</u> <u>SANTA FE, NEW MEXICO</u> <u>87505</u>
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Santa Fe) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared Woodlan Perry Saunders and Kyle Ann Schultz to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Marcianne R. Miller
Notary Public

My Commission Expires:
May 8, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Betty Frank
Name: BETTY FRANK
Address: 4221 RIVER HILL DR.
CORPUS CHRISTI, TEXAS
78416

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF NUECES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13th day of JUNE, 1991, personally appeared Betty Frank and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Maria R. Atwood
Notary Public

My Commission Expires:
8-12-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10th day of June, 1991.

By: <u><i>June D. Speight</i></u> Name: <u>June D. Speight</u> Address: <u>P. O. Drawer 1687</u> <u>Lovington, New Mexico 88260</u>	By: _____ Name: _____ Address: _____
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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

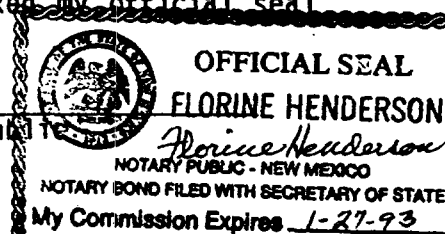
STATE OF NEW MEXICO }
COUNTY OF LEA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of June, 1991, personally appeared June D. Speight, a married and woman dealing in separate prop. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
1-27-93

Notary Public



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12th day of June, 1991.

By: *Lawrence E. Larsen*

Name: _____

Address: _____

By: _____

Name: _____

Address: _____

LAWRENCE E. LARSEN

DIRECTOR OF MANAGEMENT SERVICES

LUTHERAN SOCIAL SERVICES OF ILL

1001 E. TOUHY

DES PLAINES, ILL 60018

COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Illinois

COUNTY OF Cook

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 12th day of June, 1991, personally appeared Lawrence E. Larsen

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Director of Management Services

and acknowledged to me that HE executed the same as HIS free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Esther Soto
Notary Public

OFFICIAL SEAL
ESTHER SOTO
Notary Public, State of Illinois
My Commission Expires 9/22/91

My Commission Expires: _____

9-22-91

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: Anne E. Gormley
Name: _____
Address: 1348 Monument Ave.
Albuquerque, N.M. 87104

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MA }
COUNTY OF Suffolk } SS: 015-28-6718

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of JUNE, 1991, personally appeared ANNE GORMLEY and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

David H. Robinson
Notary Public

My Commission Expires:
9-20-96

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: Everett McDowell
Name: Everett McDowell
Address:
1871 Union St
Clear Water Fl
34623

By: Mary C. McDowell
Name: Mary C. McDowell
Address:
1871 Union St.
Clear Water Fl
34623

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida
COUNTY OF Pinellas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Everett McDowell and Mary McDowell to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon M. Wear
Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: Nov. 28, 1994.
BONDED THRU NOTARY PUBLIC UNDERWRITERS

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of June, 1991.

By: Laurel A. Kent
Name: Laurel A. Kent
Address: 9295 Ivy Tree Ln
Great Falls, Va 22066

By: Robin S. Kent
Name: Robin S. Kent
Address: 9295 Ivy Tree Ln
Great Falls, VA
22066

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF VA)
COUNTY OF Lanier) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared Laurel A. Kent and Robin S. Kent to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Deborah S. Jordan
Notary Public

My Commission Expires:
4-30-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 13th day of JUNE, 1991.

By: _____
Name: _____
Address: _____

By: John T. Oxley
Name: John T. Oxley
Address: 1305 Williams Center Tower I
Tulsa, OK 74103

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF TULSA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13th day of JUNE, 1991, personally appeared John T. Oxley and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Kathleen A. Parker
Notary Public

My Commission Expires:
December 11, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 May, 1991.

By: <u>Barbara Christman Farrell</u> Name: _____ Address: _____ (MRS.) <u>BARBARA CHRISTMAN FARRELL</u> <u>4741 GLADESIDE</u> <u>MEMPHIS, TN 38117</u>	By: _____ Name: _____ Address: _____
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TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TENNESSEE }
COUNTY OF SHELBY } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of MAY, 1991, personally appeared BARBARA CHRISTMAN FARRELL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Samuel R. Croucher
Notary Public

My Commission Expires:
May 25, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of June, 1991.

By: <u>Beatrice Stanzel</u> Name: _____ Address: _____ <u>Beatrice Stanzel</u> <u>70 McEwen Ave. Apt 608</u> <u>Ottawa, Ontario</u> <u>CANADA K2B 5M3</u>	By: _____ Name: _____ Address: _____ _____ _____ _____
---	---

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

PROVINCE
STATE OF ONTARIO }
REGIONAL MUNICIPALITY OF OTTAWA-
CARLETON } SS:

Before me, the undersigned, a Notary Public in and for said ^{Province} ~~County~~ and ^{Regional Municipality} ~~State~~, on this 12th day of June, 1991, personally appeared BEATRICE STANZEL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
NO EXPIRATION

B.M.
Notary Public
BRUNO M. TANCOSZ

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of June, 1991.

By: <u>Christina Anne Blair Sundstrom</u> Name: _____ Address: _____ <u>CHRISTINA ANNE BLAIR SUNDSTROM</u> <u>P.O. BOX 324</u> <u>VISALIA CA 93279</u>	By: <u>John A. Sundstrom</u> Name: _____ Address: _____ <u>JOHN A. SUNDSTROM</u> <u>P.O. BOX 324</u> <u>VISALIA CA 93279</u>
---	---

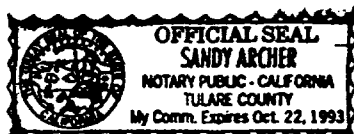
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Tulare } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared Christina A. B. Sundstrom and John A. Sundstrom to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Sandy Archer
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of June, 1991.

By: Leora Culp Lee
Name: _____
Address: _____

LEORA CULP LEE
P.O. BOX 363
LOVINGTON, NM 88260

By: R.D. Lee
Name: _____
Address: _____

R.D. LEE
P.O. BOX 363
LOVINGTON, NM 88260

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF LEA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12TH day of JUNE, 1991, personally appeared LEORA CULP LEE and R.D. LEE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
1/2/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 13th day of June, 1991.

By: *Ann W. Morris*
Name: Ann W. Morris
Address:
2865 MacVicar

Topeka, KS 66611-1704

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF KANSAS)
COUNTY OF SHAWNEE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13th day of June, 1991, personally appeared Ann W. Morris and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 8-10-92

Linda J. Edison
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14 day of June, 1991.

By: Theresa W. Baumer
Name: _____
Address: _____
Theresa W. Baumer
1830 E. Spring Valley
Centerville OH 45458

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Ohio)
COUNTY OF Montgomery) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14 day of June, 1991, personally appeared Theresa W. Baumer and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Laura A. Guiant
Notary Public
LAURA A. GUIANT, Notary Public
In and for the State of Ohio
My Commission Expires Dec. 31, 1995

My Commission Expires:
Dec. 31, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14 day of JUNE, 1991.

By: X Dempsey S. Eller

Name:

Address:

Dempsey S. Eller
1717 ROXFORD AVE.
WABBECK, TX 79416

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Wabbeck } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14 day of JUNE, 1991, personally appeared Dempsey S. Eller and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires  TAMI L. WHITWORTH
NOTARY PUBLIC
State of Texas
Comm. Exp. 06-22-93

Tami L. Whitworth
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 13 day of JUNE, 1991.

By: [Signature]
Name: JOHN W. BLAIR JR
Address: PO BOX 70043
RIVERSIDE, CA 92513

By: _____
Name: _____
Address: _____

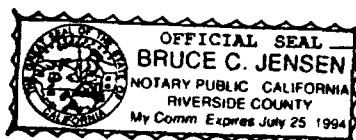
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Riverside } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13 day of June, 1991, personally appeared JOHN W. BLAIR JR. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 7-25-94



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: Mary Louise Branson
Name: Mary Louise Branson
Address: 2480 W Olive
Decatur IL 62526

By: Herman William Branson
Name: Herman William Branson
Address: 2480 W Olive
Decatur IL 62526

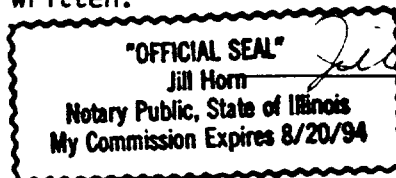
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF McCurtain } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared MARY LOUISE BRANSON and HERMAN WILLIAM BRANSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
8-20-94



Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____


RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT


In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of June, 1991.

By: 
Name: Fred C. Woodson
Address:
2324 Sunnyview Lane
Billings, Montana 59102

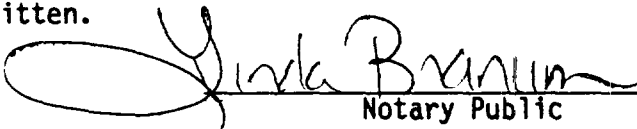
By: 
Name: Eloise P. Woodson
Address:
2324 Sunnyview Lane
Billings, Montana 59102

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF MONTANA)
COUNTY OF YELLOWSTONE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared Fred C. Woodson and Eloise P. Woodson, his wife to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires: 5/18/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of June, 1991.

By: Kaye Fisher
Name: Kaye Fisher
Address: 565 S. Penn
Casper, Wy.

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico)
COUNTY OF Otero) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared Kaye Fisher and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Cindy Company
Notary Public

My Commission Expires:
March 31, 1994.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of June, 1991.

By: Lois Eby Buddill
Name: _____
Address: _____
Lois Eby Buddill
Box 2080, East Hill Rd.
Wolcott, VT 05680

By: David Wolf Buddill
Name: _____
Address: _____
David Wolf Buddill
Box 2080
East Hill Rd.
Wolcott, VT 05680

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Vermont)
COUNTY OF Lamoille) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14th day of June, 1991, personally appeared Lois Eby Buddill and David Wolf Buddill to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Spencer Collette
Notary Public

My Commission Expires:
2/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Judy Lyle Friend
Name: Judy Lyle Friend
Address: _____
P.O. Box 1308
Kihei, Maui, HI 96753

By: T. T. Friend
Name: T. T. Friend
Address: _____
P.O. Box 1308
Kihei, Maui, HI 96753

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Hawaii)
COUNTY OF Maui) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared Judy Lyle Friend and T. T. Friend to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER OF UNIT AGREEMENT FOR THE NORTH MONUMENT GRAYBURG/ SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 13th day of June , 1991.

By: John Broadman Ware
Name: John Broadman Ware
Address: 5024 Steed Road
Fayetteville, NC 28306-9612

By: Nancy G. Ware
Name: Nancy G. Ware, Spouse
Address: 5024 Steed Road
Fayetteville, NC 28306-9612


TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF North Carolina)
COUNTY OF Cumberland) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13 day of June, 1991, personally appeared Nancy G Ware and John Broadman Ware to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that ~~they~~ executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

my hand and affixed my official seal


Notary Public

My Commission Expires:

4-16-96

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ } SS:
COUNTY OF _____ }

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

~~Notary Public~~

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 13 day of June, 1991.

By: Ila Grace Norris
Name: Ila Grace Norris
Address: 622 Burkhardt Dr So
Midland, TX 79663

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

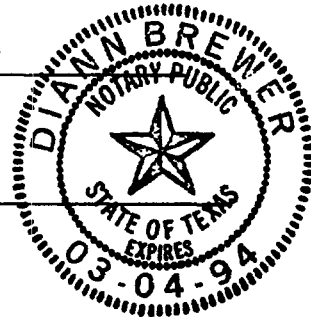
STATE OF Texas }
COUNTY OF Tarrant } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13th day of June, 1991, personally appeared Ila Grace Norris and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Michael Brewer
Notary Public

My Commission Expires:
3-4-94



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of June, 1991.

By: Adalyn J. Hollis
Name: _____
Address: _____
ADALYN J. HOLLIS
5220 W. WESTGATE AVE
VISALIA CA 93277

By: _____
Name: _____
Address: _____

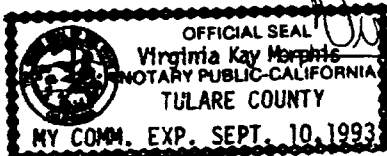
**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF California }
COUNTY OF Tulare } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared ADALYN J. HOLLIS and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 9-10-93



Virginia Kay Morphis
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: Ray Lowe Atcherson
Name: _____

Address: _____
RAY LOWE ATCHERSON
3914-54th
Lubbock, TX 79413
451-76-7992

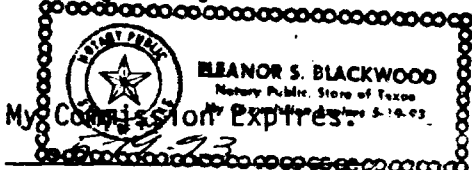
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Ray Lowe Atcherson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Eleanor S. Blackwood
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: D. Alan Reed
Name: _____
Address: P.O. Box 710
Pacific Palisades, CA
90272

By: Marcelle W. Reed (wife)
Name: _____
Address: _____
MARCELLE W. REED
1006 LAS LOMAS AVENUE
PAC. PAL. CALIFORNIA 90272

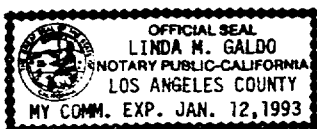
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Los Angeles) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared D. Alan Reed and Marcelle W. Reed to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10th day of June, 1991.

By: Dorothy K. Dickerhoof
Name:
Address:

Dorothy K. Dickerhoof
12040 E. Dry Gulch
TUCSON, AZ 85749

By: George O. Dickerhoof
Name:
Address:

George O. Dickerhoof
12040 E. Dry Gulch
TUCSON, AZ 85749

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Arizona)
COUNTY OF Pima) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of JUNE, 1991, personally appeared DOROTHY K. DICKERHOOF and GEORGE O. DICKERHOOF to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
My Commission Expires March 31, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of JUNE, 1991.

By: Judith Humpherys
Name: JUDITH HUMPHERYS
Address: _____

By: Lewis Humpherys
Name: LEWIS HUMPHERYS (HUSBAND)
Address: _____

P.O. Box 917

SANTA MONICA, CAL 90406

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

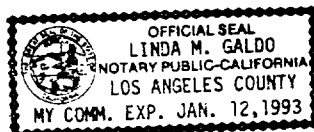
STATE OF California
COUNTY OF Los Angeles

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared Judith Humpherys and Lewis Humpherys to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT
SAN ANDRES UT

This I J ratifies:

In consideration of the execution of the
and Operation of the North Monument Grayburg/
State of New Mexico, dated May 1, 1991, in fo
States Bureau of Land Management, Commissione
New Mexico and the New Mexico Oil Conservati
interest owner hereby expressly ratifies,
Agreement, as fully as though the undersigned I

Tract #	DBF #	OPER
85	2691	TEX
92	2756	TEX
97	2822	TEX
98	3435	TEX
106	2105	CRY
109	4921	AHC
112	5077	AHC
114	3572	AHC
113	3763	AHC

This Ratification and Joinder shall be
interests in any lands and leases or interes
held or which may arise under existing opti
unitized substances, covering any lands w
undersigned may be found to have an oil or gas

This Ratification and Joinder shall be
successors and assigns.

EXECUTED this 11 day of June

By: INGRID POWELL
Name: Ingrid Powell
Address: 8 P.O. Box 416
225 Mt. Hamilton Ave.
Los Altos, California
94023-0749

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Calif.)
COUNTY OF Santa Clara) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 11 day of June, 1991, personally appeared Ingrid Powell
and _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

My Commission Expires
Aug. 28, 1992



S. Martens
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof
to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act
and deed and as the free and voluntary act and deed of such corporation, for the
uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: <u>BETTY M. DRESSSEN</u> Name: <u>Betty M. Dresssen</u> Address: <u>P.O. Box 749</u> <u>LOS ALTOS, CALIF</u> <u>94023-0749</u>	By: <u>INGRID POWELL TRUSTEES</u> Name: <u>Ingrid Powell</u> Address: <u>P.O. Box 749</u> <u>LOS ALTOS, CALIF</u> <u>94023-0749</u>
--	---

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California
COUNTY OF Santa Clara } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Ingrid Powell and Betty M. Dresssen to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
9-16-94



Lori A. Volpi
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person(s) who executed the foregoing instrument

and acknowledged to me that he executed the same as their free and voluntary act and deed and as the free uses and purposes therein

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____

This R & J Ratifies:

Tract 85	DBF # 2675	TEX
92	# 2760	TEX
97	# 2826	TEX
98	# 3431	ATK
106	# 2102	OR
131	# 3754	ATK

Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of JUNE, 1991.

By: Betty M. Dreesen, Trustee
Name: BETTY M. DRESSER, TRUSTEE
Address: P.O. BOX 817
LOS ALTO, CA 94022

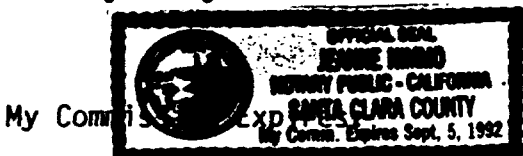
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA }
COUNTY OF SANTA CLARA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of JUNE, 1991, personally appeared BETTY M. DRESSER, TRUSTEE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Jeanne D. Jimmo
Notary Public

(CORPORATION ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ }

This R+J ratifies:

Before me, the undersigned, on this _____ day of _____

to me known to be the identical person(s) to the foregoing instrument and

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Tract # PBFH OP
85991 2708
92 2774
99 2840
98 3430
106 2100
131 3743

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

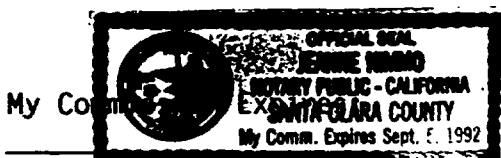
By: <u>Edward T. Dreesen Jr.</u>	By: _____
Name: <u>EDWARD T. DRESSEN JR.</u>	Name: _____
Address: _____	Address: _____
<u>PO Box 416</u>	_____
<u>LOS ALTOS</u>	_____
<u>CALIF. 94022</u>	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA }
COUNTY OF SANTA CLARA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of JUNE, 1991, personally appeared EDWARD T. DRESSEN JR. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Jeane D. Jimmo
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of June, 1991.

By:

Name: L. E. DOWNES

Address:

P.O. Box 775
Pearshall, Tex 78041

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF

Texas

SS:

COUNTY OF

Frio

Before me, the undersigned, a Notary Public in and for said County and State, on this 12th day of June, 1991, personally appeared L. E. DOWNES and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.^{his}

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:



Tina L. Dubose
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

SS:

COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of JUNE, 1991.

By: Susan Lee McDaniel
Name: SUSAN LEE MCDANIEL
Address:

P.O. Box 800043
BALCH SPRINGS, TX.
75180

By: Gary D. McDaniel
Name: GARY D. MCDANIEL
Address:

P.O. Box 800043
BALCH SPRINGS, TEXAS
75180

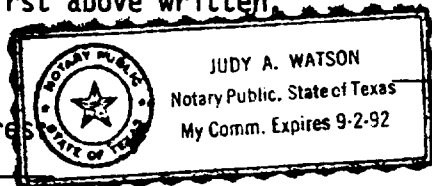
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of JUNE, 1991, personally appeared Susan Lee McDaniel & Gary D. McDaniel to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
9/2/92



Judy A. Watson
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: J.K. Lipscomb
Name: J.K. LIPSCOMB
Address: Box 1079
rpt Bch Calif
92660

By: Martina Lipscomb
Name: MARTINA LIPSCOMB
Address: Box 1079
rpt Bch Calif
92660

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Orange } SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared J.K. LIPSCOMB AND MARTHA LIPSCOMB to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

M. A. Whitney
Notary Public

My Commission Expires:
March 6, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12th day of June, 1991.

By: Georgia Dene Montgomery
Name: _____

Address: Route 1 Box 348-B
Springtown, Texas 76082

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Parker } SS: 450-58-5813

Before me, the undersigned, a Notary Public in and for said County and State, on this 12th day of June, 1991, personally appeared Georgia Dene Montgomery and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Ruby Strickland
Notary Public

My Commission Expires:

4-4-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of JUNE, 1991.

By: <u>D. Alan Reed</u> Name: <u>D. ALAN REED</u> Address: <u>TRUSTEES U/W OF HERE</u> <u>P.O. Box 710</u> <u>PACIFIC PALISADES, CALIF 90712</u>	By: <u>Judith R. Humpherys</u> Name: <u>JUDITH R. HUMPHERYS</u> Address: _____ _____ _____
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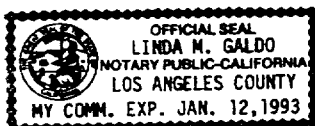
**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF California }
COUNTY OF Los Angeles } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared D. Alan Reed and Judith R. Humpherys to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Linda M. Galdo
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of June, 1991.

By: David K. Spradlin
Name: _____
Address: David K. Spradlin
3504 Northfield Dr
Midland, Texas 79707

By: Wynone R. Spradlin
Name: _____
Address: Wynone R. Spradlin
3504 Northfield Dr
Midland, Texas 79707

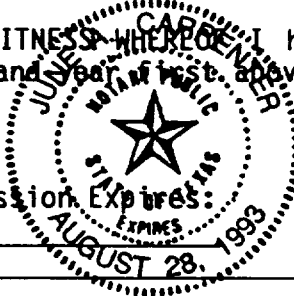
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Midland } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of June, 1991, personally appeared David K. Spradlin and Wynone R. Spradlin to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Jane A. Carpenter
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of JUNE, 1991.

By: Herschel Taylor Hudson
Name: _____

Address: 2220 South Bronco St.
LAS VEGAS, NV 89102

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Nevada)
COUNTY OF Clark) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Herschel Taylor Hudson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 12-04-94



LISA E. REESE
Notary Public - Nevada
Clark County
My appt. exp. Dec. 4, 1994

Lisa E. Reese
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: Sylvia Kay Houston
Name: _____
Address: _____
SYLVIA KAY HOUSTON
723 WOODBRIDGE
CEDAR HILL, TX 75104

By: Jerry T Houston
Name: _____
Address: _____
JERRY T HOUSTON
723 WOODBRIDGE
CEDAR HILL, TX 75104

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Deuel } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared Sylvia Kay Houston and Jerry T Houston to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Dorothy A. Kretsch
Notary Public

My Commission Expires:
9/10/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of June, 1991.

By: Linda L. Flippo
Name: _____
Address: _____
2717 E. 10th
Cheyenne, WY.
82001

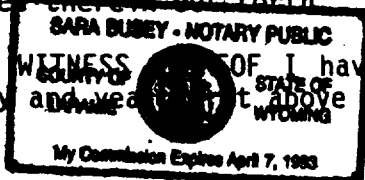
By: Larry L. Flippo
Name: _____
Address: _____
2717 E. 10th
Cheyenne WY.
82001

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Wyoming }
COUNTY OF Laramie } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of June, 1991, personally appeared Linda L. Flippo and Larry L. Flippo to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Sara Bussey
Notary Public

My Commission Expires:
April 7, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of June, 1991.

By: Joanne Wright
Name: Joanne Wright
Address: 15444 W. Rockland Pl.
Artesville, Illinois
62048

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ILLINOIS)
COUNTY OF LAKE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of June, 1991, personally appeared JOANNE WRIGHT and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires _____
"OFFICIAL SEAL"
GLENDA E. STURGHILL
Notary Public, State of Illinois
My Commission Expires 11/1/94

Glenda E. Sturghill
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: Ethelene Stanzel
Name: ETHELEEN STANZEL
Address: 94 Bell St.

By: _____
Name: _____
Address: _____

Apt. 1
Carleton Place, Ontario
K7C 1V4

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

Province
STATE OF Ontario }
COUNTY OF LANARK } SS:

Before me, the undersigned, a Notary Public in and for said County and ^{Province} State, on this 6 day of June, 1991, personally appeared ETHELEEN STANZEL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

~~My Commission Expires:~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 11th day of June, 1991.

By: Raymond Hinder
Name: Raymond Hinder
Address: Box 460
Charlie, Healy
78011

By: _____
Name: _____
Address: _____

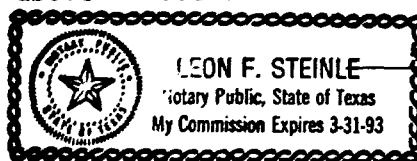
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Atascosa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Raymond Hinder and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 3-31-91



Leon F. Steinle
Notary Public
State of Texas

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of 6, 1991.

By: *Einar T. Johansen*
Name: _____
Address: _____
EINARDA TEISNER JOHANSEN
SOGNEN. 63
8852 Oslo 8

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oslo }
COUNTY OF Norway } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of June, 1991, personally appeared EINARDA TEISNER JOHANSEN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
Indefinitely

Harald Hjarøy
Notary Public
Harald Hjarøy
byfogd



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

Freda Vona Walker Grandchildren's Trust, Rex Ross Walker, Wanda Freda Walker Weathers and First City National Bank of Tyler, Texas.

Co-Trustees
By: Rex Ross Walker
Name: Rex Ross Walker, Co-Trustee
Address:

536 Park Heights Circle
Tyler, TX 75701

By: X Wanda Freda Walker Weathers
Name: Wanda Freda Walker Weathers, Co-Trustee
Address:

536 Park Heights Circle
Tyler, TX 75701

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado)
COUNTY OF Boulder) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Rex Ross Walker and _____ to me known to be the identical person(x), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Daphne D. Kenne
Notary Public

My Commission Expires:
June 19, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

TO BE COMPLETED BY A NOTARY PUBLIC

(INDIVIDUAL ACKNOWLEDGEMENT)

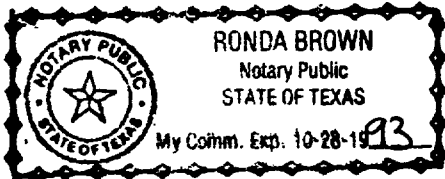
State of Texas SS:
County of Smith

Before me, the undersigned, a Notary Public in and for said County and State,
on this 10th day of June, 1991, personally appeared Wanda
Weathers to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that She
executed the same as their free and voluntary act and deed for the uses and
purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Ronda Brown
Notary Public

My Commission Expires:



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.
Freda Vona Walker Grandchildren's Trust, Rex Ross Walker, Wanda Freda Walker Weathers and First City National Bank of Tyler, Texas.

CO-Trustees

By: Charles M. Prather S.R.V.P.
Name: First City National Bank of
Address: Tyler

By: _____
Name: _____
Address: _____

P.O. Box 2020

Tyler, TX 75701

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

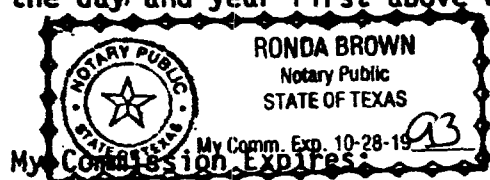
STATE OF Texas)
COUNTY OF Smith) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June 1991, personally appeared
CHARLES M. PRATHER, S.R.V.P.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its S.R.V.P. + TRUST OFFICER

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Ronda Brown
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: Rosemarie Moore
Name:
Address:

By: _____
Name:
Address:

3820 N. W. 62nd
Oklahoma City, OK 73112

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared ROSEMARIE MOORE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Barbara Dullard
Notary Public

My Commission Expires:

June 15, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: Patricia J. Cosgrave
Name: Self + separate property
Address:
4506 Dunn Rd
Modesto, Calif
95351

By: _____
Name: _____
Address: _____

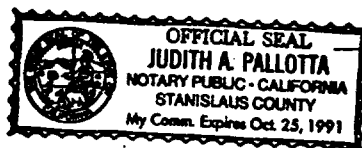
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California)
COUNTY OF Stanislaus) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared Patricia J. Cosgrave and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
Oct. 25, 1991



Judith A. Pallotta
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Harry Shapiro
Name: _____
Address: _____

Harry Shapiro
1670 N.E. 191st St., Apt. #208
N. Miami Beach, FL 33179

By: Jacqueline Zakroff
Name: _____
Address: _____

JACQUELINE ZAKROFF
935 VILLAS COURT
HIGHLAND PARK, ILL 60035

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Dade } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Harry Shapiro and he to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:

NOTARY PUBLIC, STATE OF FLORIDA
MY COMMISSION EXPIRES: NOV. 5, 1991.
BONDED THRU NOTARY PUBLIC

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Illinois }
COUNTY OF Cook } SS:

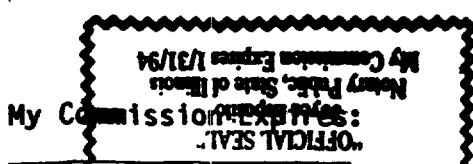
Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of June, 1991, personally appeared

Jacqueline Zakroff
to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: Frances R. St. Jeor
Name: FRANCES R. ST. JEOR
Address: 1001 Glendale Dr.
San Juan, N.M. 88005

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Dona Ana } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared Frances R. St. Jeor and n/a to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



OFFICIAL SEAL
LAURIE YURCIC
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires: 01-25-92

My Commission Expires:
01-25-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6 day of JUNE, 1991.

By: William M. Lightfoot
Name:
Address:

William M. Lightfoot
3505 Audubon Road
Paris, Texas 75460

By: Thelma K. Lightfoot
Name:
Address:

Thelma K. Lightfoot
3505 Audubon Road
Paris, Texas 75460

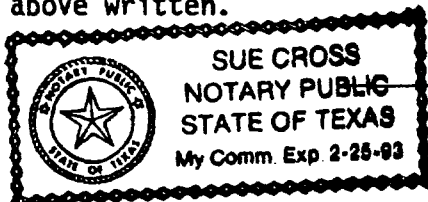
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Lamar } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared William M. Lightfoot and Thelma K. Lightfoot to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Sue Cross
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7th day of June, 1991.

By: Jane Bowie Mattson
Name: JANE BOWIE MATTSON
Address: 1175 MAYFLOWER AVE
MELBOURNE FL 32940
(Property Owner)

By: Rudolph G. Mattson
Name: Rudolph G. MATTSON
Address: 1175 Mayflower Ave
Melbourne FL 32940

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA)
COUNTY OF BREVARD) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Jane Bowie Mattson and Rudolph G. Mattson to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Green A. King
Notary Public

My Commission Expires:
Notary Public State of Florida at Large
My Commission Expires Feb 28, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of October, 1991.

By: [Signature]
Name: 585-62-8254
Address: Robert L. GRAHAM, Jr.
6843 Main Street
Westminster, Colorado 80030

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of October 1991, personally appeared Robert L. Graham, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:

May 31, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17 day of May, 1991.

By: Allen Seidner By: _____
Name: ALLEN SEIDNER Name: _____
Address: INDEPENDENT EXECUTOR Address: _____

6413 LOGKE AVE
FORT WORTH TX 76116

EDITH B. SEIDNER ESTATE
L.P. No. 75-6409618

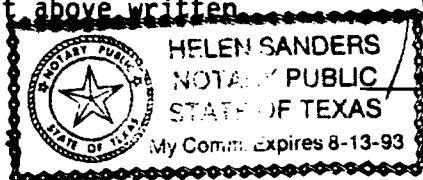
S.S. NO. 077-12-9288

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17 day of May, 1991, personally appeared Allen Seidner and N/A to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires:
8/13/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of May, 1991.

By: Dianne A. Carter
Name: _____
Address: _____
P.O. Box 2604
Harlingen, Texas
78551

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Cameron) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of May, 1991, personally appeared Dianne A. Carter and known to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lois J. Hester
Notary Public

My Commission Expires:
09-30-91

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27th day of June, 1991.

BAREN HEALEY 1988 TRUST

By: Baren Healey

Name: Baren Healey, Trustee

Address:

P. O. Box 888

Davis, OK 73030

By: _____

Name: _____

Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF OKLAHOMA)
COUNTY OF MURRAY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 27th day of June, 1991, personally appeared Baren Healey and _____ to me known to be the identical person(x), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Connie Dye
Notary Public

My Commission Expires:
February 13, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7th day of October, 1991.

By: Kathy Falk

Name: KATHY FALK

Address: 20938 BALTAR ST,

CANOGA PK CA
91304

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIF. }

COUNTY OF L.A. }

SS: 573-86-0092

Before me, the undersigned, a Notary Public in and for said County and State, on this 7 day of Oct, 1991, personally appeared Kathy Falk and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Michele C. Rappaport
Notary Public

My Commission Expires:

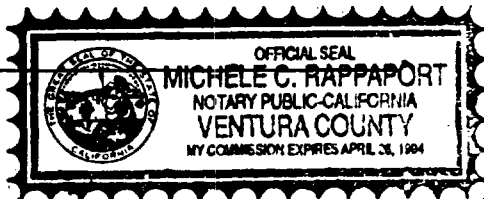
4/26/94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }

COUNTY OF _____ }

SS: _____



Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of July, 1991.

<p>F. E. Bellinger Trust, Firststar Bank Council Bluffs (F.K.A. Council Bluffs Savings Bank), Trustee By: <u>[Signature]</u> Name: Gary R. Faust, V.P. & Trust Officer Address: <u>P.O. Box 838</u> <u>Council Bluffs, IA 51502</u></p>	<p><u>[Signature]</u> By: <u>Richard C. Stoufer</u> Name: Richard C. Stoufer, V.P. & Cashier Address: <u>P.O. Box 838</u> <u>Council Bluffs, IA 51502</u></p>
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**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

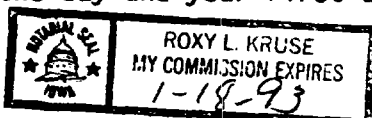
STATE OF IOWA)
COUNTY OF POTTAWATTAMIE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of July 1991, personally appeared
Gary R. Faust and Richard C. Stoufer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer and
Vice President and Cashier

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: 1-18-93

[Signature]
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: *Helen Joy Smith*
Name: HELEN JOY SMITH
Address: _____

2008 RIVERSIDE DR. E.
BRADENTON FL 34208

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA)
COUNTY OF MANATEE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared HELEN JOY SMITH and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Janet Williams
Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA
MY COMMISSION EXPIRES: NOV. 20, 1993
BONDED THRU NOTARY PUBLIC UNDERWRITERS

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20TH day of MAY, 1991.

By: William E. Walker
Name: WILLIAM E. WALKER
Address: P.O. BOX 11222
WICHITA, KS 67202-0222

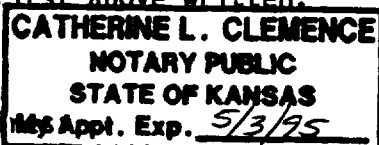
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF KANSAS }
COUNTY OF SEDGWICK } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20TH day of MAY, 1991, personally appeared WILLIAM E. WALKER and A SINGLE PERSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Catherine L. Clemence
Notary Public

My Commission Expires 5/3/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20 day of May, 1991.

By: [Signature]
Name: JUDY A. WALKER
Address: P.O. BOX 11222
WICHITA, KS 67202-0222

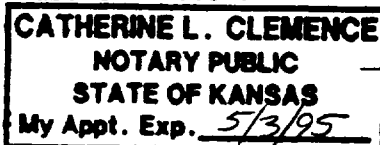
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20TH day of MAY, 1991, personally appeared JUDY A. WALKER and A SINGLE PERSON to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



[Signature]
Notary Public

My Commission Expires _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of JUNE, 1991.

By: A. Jean Frances
Name: _____
Address: RT 1 Box 3
Spencerville, OH 44760

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA)
COUNTY OF CHOCTAW) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of JUNE, 1991, personally appeared A. JEAN FRANCES and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sumner L. Bayless
Notary Public

My Commission Expires:
3-22-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of July, 1991.

HATTIE C. WILLIAMS TRUST
AMERICAN STATE BANK, CO-TRUSTEE

By: J. R. Cammack
Name: J. R. Cammack, V.P. & T.O.

Address:
P. O. Box 1401
Lubbock, TX 79408

Tax ID #75-6351535

By: Martha McEvoy Pope
Name: MARTHA MCEVOY POPE, CO-TRUSTEE
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

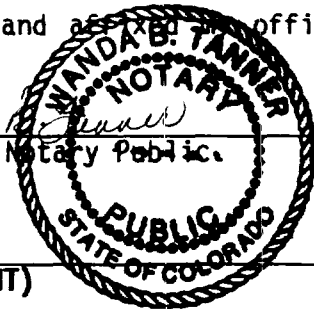
STATE OF Colorado)
City of Denver) SS:
COUNTY OF Denver

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of October, 1991, personally appeared Martha McEvoy Pope and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:

July 30, 1994



(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Lubbock) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of July, 1991, personally appeared
J. R. Cammack

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Leta Fyffe
Notary Public

My Commission Expires:

3/10/92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Brenda Ronaldson Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Tom Green } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires:
3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Dorothy Boyle Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tom Green) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires: 3-20-92

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Dorothy Habura Revocable Mgt Tr
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Tom Green } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires:
3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the John Boyle Revocable Mgt. Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Tom Green } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires:
3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Noel C. Warwick Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said _____ on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the ide _____ executed the within and foregoing instrument and acknowlea _____ executed the same as their free and voluntary act and dee _____ purposes therein set forth.

note spelling:
Warwick =

IN WITNESS WHEREOF I have hereunto set my hand and affixe the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tom Green) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October 1991, personally appeared _____
David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker therof to the foregoing instrument as its _____ Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires: 3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Oleta Perkins Boyle Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tom Green) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared
David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires: _____

3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the William C. Wright Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tom Green) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires:
3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 2nd day of October, 1991.

By: Helen J. Sanford
Name: _____
Address: _____

P. O. Box 12592
Dallas, Texas 75225

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 2nd day of Oct, 1991, personally appeared Helen J. Sanford and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: _____

Dianne R. Clark
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 27th day of October, 1991.

By: *Delma Dale Haralson*
Name: Delma Dale Haralson
Address: 4280 La Paloma Dr.
Tucson Arizona
85718

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ARIZONA)
COUNTY OF PIMA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1st day of October, 1991, personally appeared Delma Dale Haralson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that XheX executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Margaret Brigi
Notary Public

My Commission Expires:
My Commission Expires June 10, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 25 day of Sept, 1991.

By: *James L. Smith Jr.*
Name: JAMES L. SMITH JR.
Address: RT. 1, Box 270
WHEELER, TX 79096

By: *Dory Jane Woodruff*
Name: Dory Jane Woodruff
Address: 736 South Barnes
Ames, TX 79009

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF GRAY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this day of , 1991, personally appeared James L Smith Jr and Dory Jane Woodruff to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Shirley R. Ruppel
Notary Public

My Commission Expires:
1-14-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF)
COUNTY OF) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that executed the same as free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18th day of September, 1991.

By: Laura G. Page
Name: Laura G. Page
Address: 1718 Woodridge
Abilene, Texas 79605

By: William Louis Page
Name: William Louis Page
Address: 1718 Woodridge
Abilene, Texas 79605

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF TEXAS)
COUNTY OF TAYLOR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18th day of Sept, 1991, personally appeared William Louis Page and Laura G. Page to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Gloria Roach
Notary Public

My Commission Expires:
05-24-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of September, 1991.

ATTEST:

By: William J. Grottendieck, III
Name: William J. Grottendieck, III
Address: Its Secretary
Trio Petroleum Corp.
Rt. 76, Box 35-E
Glenville, WV 26351

TRIO PETROLEUM CORP.

By: E. A. Broome
Name: E. A. Broome, President
Address:
Trio Petroleum Corp.
Rt. 76, Box 35-E
Glenville, WV 26351

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF West Virginia }
COUNTY OF Gilmer } SS:

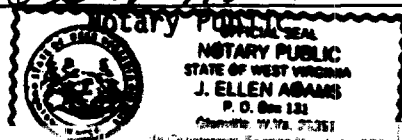
Before me, the undersigned, a Notary Public in and for said County and State, on this 16th day of September 1991, personally appeared E. A. BROOME, President of Trio Petroleum Corp.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 3/9/98



RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of September, 1991.

By: Robert M. Miller
Name: _____
Address: Robert M. Miller

3500 Bandolina

Roswell, NM 88201

By: Jane G. Miller
Name: _____
Address: Jane G. Miller

3500 Bandolina

Roswell, NM 88201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of Sept, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Dorothy Jackson
Notary Public

My Commission Expires:
10-02-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of September, 1991.

By: Johnnie S. Taylor
Name: Johnnie S. Taylor
Address: 819 Perryman, Pat. 101
New Braunfels, TX 78130

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF COMAL) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of Sept, 1991, personally appeared Johnnie S. Taylor and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 8-21-94

Jean Lynskey
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 19 day of June, 1991.

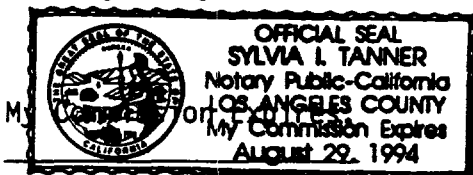
By: <u>Jean Evon Hull</u> Name: _____ Address: <u>13425 San Calixto Ave</u> <u>Chico, Ca. 92392</u>	By: _____ Name: _____ Address: _____
--	--

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 19th day of JUNE, 1991, personally appeared JEAN EVON HULL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Sylvia I. Tanner
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of Sept, 1991.

By: _____
Name: _____
Address: _____

By: *Curt S. Graham*
Name: CURT S. GRAHAM
Address: PO Box 3055
Reswell, New Mexico
88202-3055

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of Sept, 1991, personally appeared CURT S. GRAHAM and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Marquette G. Sanders
Notary Public

My Commission Expires:
May 31, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the [and Operation of the North Monument Grayburg/San Andres Unit Area, Cour State of New Mexico, dated May 1, 1991, in form approved on behalf of States Bureau of Land Management, Commissioners of Public Lands of th New Mexico and the New Mexico Oil Conservation Division, the undersig interest owner hereby expressly ratifies, approves, and adopts Agreement, as fully as though the undersigned had executed the original

This Ratification and Joinder shall be effective as to the un interests in any lands and leases or interests therein, and royalties held or which may arise under existing option agreements or other ir unitized substances, covering any lands within the Unit Area in 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 28th day of August, 1991.

By: Alberta M. Sager
Name:
Address:
ALBERTA M. SAGER
10 SANDERS DRIVE
PORT HOPKINS, TEXAS
75458

By: Lester A. Sager
Name:
Address:
LESTER A. SAGER
10 SANDERS DRIVE
PORT HOPKINS, TEXAS
75458

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

PROVINCE

STATE OF ONTARIO
COUNTY OF DURHAM

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28 day of AUGUST, 1991, personally appeared ALBERTA M. SAGER and LESTER A. SAGER to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Anthony J. Dickoway
Notary Public

(LIFE APPOINTMENT)
My Commission Expires:
NO EXPIRY

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____ SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

2
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RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the De and Operation of the North Monument Grayburg/San Andres Unit Area, Count State of New Mexico, dated May 1, 1991, in form approved on behalf of t States Bureau of Land Management, Commissioners of Public Lands of the New Mexico and the New Mexico Oil Conservation Division, the undersigne interest owner hereby expressly ratifies, approves, and adopts s Agreement, as fully as though the undersigned had executed the original a

*This is a
copy*

This Ratification and Joinder shall be effective as to the unde interests in any lands and leases or interests therein, and royalties held or which may arise under existing option agreements or other int 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 1 day of September, 1991.

By: [Signature]
Name: _____
Address: MARTIN DION LOWE
2306 CYPRESS POINT WEST
AUSTIN TEXAS 78746

By: [Signature]
Name: _____
Address: SHERYL K. LOWE
[Signature]

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF TRAVIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 13 day of Sept., 1991, personally appeared Martin Dion Lowe and SHERYL K. LOWE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: _____

[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the De and Operation of the North Monument Grayburg/San Andres Unit Area, Count State of New Mexico, dated May 1, 1991, in form approved on behalf of t States Bureau of Land Management, Commissioners of Public Lands of the New Mexico and the New Mexico Oil Conservation Division, the undersigne interest owner hereby expressly ratifies, approves, and adopts s Agreement, as fully as though the undersigned had executed the original ag

This Ratification and Joinder shall be effective as to the unde interests in any lands and leases or interests therein, and royalties held or which may arise under existing option agreements or other intr 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 12 day of September, 1991.

By: Patricia K. Sutton
Name: PATRICIA K SUTTON
Address: #20 E. Rivercrest
Houston, Tex. 77042

By: William C. Sutton
Name: WILLIAM C. SUTTON
Address: 20 E. Rivercrest
Houston, Texas 77042

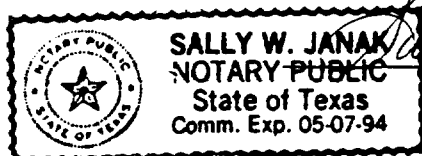
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of Sept., 1991, personally appeared Patricia K. Sutton and William C. Sutton to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
5-7-94



Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

*This is a
copy*

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of Sept., 1991.

By: _____

Name: _____

Address: _____

Wyatt T. Brady

P. O. Box 6034

Springdale, AR 72766-6034

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____)

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: _____
Name: _____
Address: _____

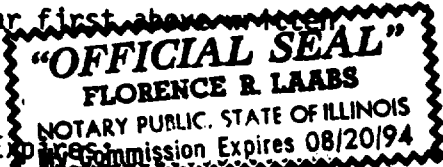
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF ILLINOIS
COUNTY OF MCHESTER } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of June, 1991, personally appeared Dorothy A. Felty and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Florence R. Laabs
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

Hampton University / U. S. Trust Co. of New York, The Hampton Institute

By: Lucius C. Wyatt

Name: Lucius C. Wyatt

Address:

Office of the Treasurer

Hampton University

Hampton, VA 23668

By: _____

Name: _____

Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF Virginia }
COUNTY OF Hampton } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared Lucius C. Wyatt and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Alvin J. Mills
Notary Public

My Commission Expires:
November 15, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

Hampton University / U. S. Trust Co. of New York. The Hampton Institute

By: [Signature]
Name: Lucius C. Wyatt
Address: _____
Office of the Treasurer
Hampton University
Hampton, VA 23668

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Virginia)
COUNTY OF Hampton) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared Lucius C. Wyatt and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
November 15, 1991

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29 day of August, 1991.

By: Cecil P. Bordages II
Name: Cecil P. Bordages II
Address: _____
Cecil P. Bordages II
SU 40th SE, SW # 320
Fargo, ND 58103

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF ND }
COUNTY OF Cass } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29 day of Aug, 1991, personally appeared Cecil Bordages II and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Paul Vanecko
§ 29.91 Notary Public

My Commission Expires:
6.22.95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 August, 1991.

By: Frances Grigsby
Name: _____
Address: _____
TRUSTEE,
Wilson Childrens
Trust

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NH)
COUNTY OF Merrimack) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of Aug., 1991, personally appeared Frances Grigsby and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Susan B. Chacho
Notary Public

My Commission Expires: _____
SUSAN B. CHACHO, Notary Public
My Commission Expires October 18, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 August, 1991.

By: Frances Grigsby
Name: _____
Address: Trustee, Wilson
Childrens Trust

By: _____
Name: _____
Address: _____

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF NH }
COUNTY OF Merrimack } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of Aug, 1991, personally appeared Frances Grigsby and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Susan B. Chacho
Notary Public

My Commission Expires: _____
SUSAN B. CHACHO, Notary Public
My Commission Expires October 18, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of August, 1991.

By: [Signature]
Name: _____
Address: _____
5602 SPELLMAN
HOUSTON TX 77096

By: _____
Name: _____
Address: _____

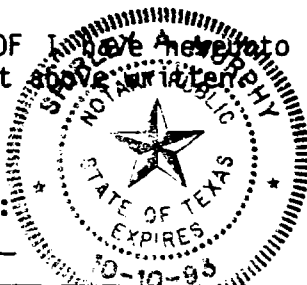
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Harris } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of August, 1991, personally appeared Jack Phillips and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 10-10-93



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

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RATIFICATION AND JOINDER
OF UNIT AGREEMENT
OR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 19th day of August, 1991.

By: Burton E. Ravellette, Jr.
Name: Burton E. Ravellette, Jr., Secretary
Address: _____

By: Webber C. Harrington
Name: Webber C. Harrington, Treasurer
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida)
COUNTY OF Hillsborough) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 19th day of August, 1991, personally appeared Burton E. Ravellette, Jr., Secretary and Webber C. Harrington, Treasurer to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Florida)
COUNTY OF Hillsborough) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of August, 1991, personally appeared Burton E. Ravellette and Webber C. Harrington

to me known to be the identical persons who subscribed the names of the maker thereof to the foregoing instrument as its Secretary and Treasurer of Shriners Hospitals for Crippled Children

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

DRUCILA J. DIAZ-PHELPS

My Commission Expires: _____
Notary Public, State of Florida
My Commission Expires Feb. 28, 1993
Bonded Thru Troy Fain - Insurance Inc.

MARY ELIZABETH NADI

BY: Bank of Oklahoma, N.A., Agent

ATTEST: *Carol Steh*
Assistant Cashier

BY: *Daniel P. Brogren*
Vice President and Trust Officer

P. O. Box 1588
Tulsa, OK 74101

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of July, 1991.

By: _____
Name: _____
Address: _____

By: SEE ATTACHED SIGNATURE PAGE
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma)
COUNTY OF Tulsa) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of July, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President and Trust

Officer and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Annette E. Consalvi
Notary Public

My Commission Expires: _____
5-1-95

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 14th day of August, 1991.

By: _____
Name: _____
Address: _____

By: L. R. Hammond, Jr.
Name: L. R. Hammond, Jr.
Address: Rt. 2, Hammond Ranch
Clovis, N. M. 88101

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CURRY) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 14 day of August, 1991, personally appeared L. R. Hammond, Jr. and ----- to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Lucile Longhlin
Notary Public

My Commission Expires:
October 20, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1st day of July, 1991.

By: V. O. Vennerberg, II By: _____
Name: Vaughn O. Vennerberg, II Name: _____
Address: 810 Houston St. Suite 2000 Address: _____
Fort Worth, Texas 76102 _____
Cross Timbers Oil Company, L.P. _____
BY: Cross Timbers Oil Company, _____
its managing general partner _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

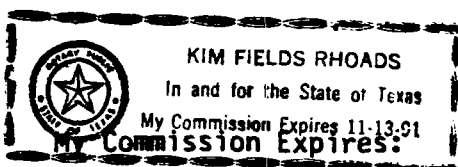
STATE OF TEXAS)
COUNTY OF TARRANT) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 1st day of July, 1991, personally appeared
Vaughn O. Vennerberg, II

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President - Land

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Kim Fields Rhoads
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By:

Name:

Address:

5322 Spudlan
Houston, TX 77056

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS)

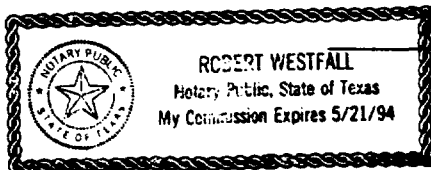
SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of AUGUST, 1991, personally appeared MARJORIE JEAN NAGLE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:

5-21-94



Robert Westfall
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

**VERIFICATION AND JOINDER
 OF UNIT AGREEMENT
 FOR THE NORTH MONUMENT GRAYBURG/
 SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of May , 1991.

By: George W. Weir
Name: GEORGE W. WEIR
Address: 7th Finance Group
APO New York 09154

By: Maria C. Weir
Name: MARIA C. WEIR
Address: 7th Finance Group
APO New York 09154

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

//STATE OF //)
) SS:
 //COUNTY OF //)
 WITH THE US ARMED FORCES
 IN EUROPE, APO NEW YORK 09279

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of May, 1991, personally appeared GEORGE W. WEIR and MARIA C. WEIR to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Mark Niermann
Notary Public

My Commission Expires: Indefinite

MARK NIERMANN, Captain, US Army

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

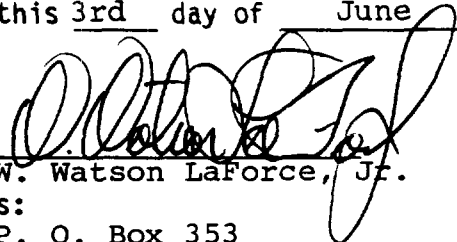
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3rd day of June, 1991.

By: 
Name: W. Watson LaForce, Jr.
Address:
P. O. Box 353
Midland, Tx. 79702

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June, 1991, personally appeared W. Watson LaForce, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.


Notary Public

My Commission Expires:
9-17-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of August, 1991.

By: Rosalie M. McCann
Name: akla Rosalie J. McCann
Address: 7555 Co. Rd. 10 W.
Winona, MN 55387

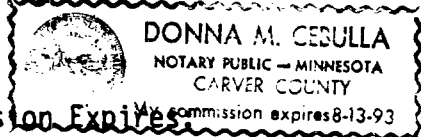
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Mn. }
COUNTY OF Carver } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 9th day of August, 1991, personally appeared Rosalie M. McCann and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Donna M. Cesulla
Notary Public

My Commission Expires _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

.TIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 8th day of August, 1991.

By: _____

Name: _____

Address: _____

CONWELL WARE
2104 HEATHER HILL
PLANO, TX 75075

By: _____

Name: _____

Address: _____

ALLISON WARE
2104 HEATHER HILL
PLANO, TX 75075

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF COLLIN) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 8th day of AUG, 1991, personally appeared CONWELL WARE and ALLISON WARE to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Patricia Rushton
Notary Public

My Commission Expires: _____

8/29/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of MAY, 1991.

By: _____
Name: Marion L. Meader
Address: c/o Sun Bank Trust Dept.
160 N. Nova Road
Ormond Beach, FL 32174

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New York)
COUNTY OF WASHINGTON) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of MAY, 1991, personally appeared MARION L. MEADER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

TIMOTHY J. LaSARSO
Notary Public, State of New York
My Commission Expires: Washington County — No. 4793958
Commission Expires Oct. 31 1991

Timothy J. LaSARSO
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 28th day of MAY, 1991.

Nancy A. Imhoff, as her
By: *Jean Rozelle*
Name: NANCY A. IMHOFF
Address: 3190 ~~1000~~ SANTA PAULA DR
CONCORD, CA 94518

By: *Ray N. Imhoff*
Name: RAY N. IMHOFF
Address: Rd 3190 ~~1000~~ SANTA PAULA DR
CONCORD, CA 94518

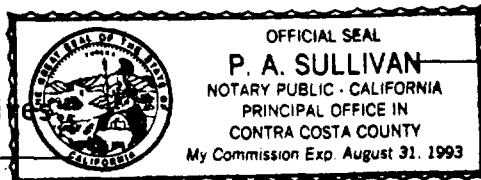
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF CONTRA COSTA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 28th day of MAY, 1991, personally appeared NANCY A. IMHOFF and RAY N. IMHOFF to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires
8-31-93



P. A. Sullivan
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16 day of June, 1991.

By: Marie Stoddard
Name: Pauline FETTLE
Address: Rd 2, Box 2004
Arbyle, NY 12809

ATTORNEY IN FACT
By: Marie Storkdale
Name:
Address: RD. 2 Box 2024
Argyle NY 12809

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NY)
COUNTY OF Warren) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of June, 1991, personally appeared MARIE STOCKDALE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.


Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this day of 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: W. L. Todd, Jr.
Name: W. L. Todd, Jr.
Address: 3612 Euclid Ave.
Dallas, Texas
75205

By: Virginia M. Todd
Name: Virginia M. Todd
Address: 3612 Euclid Ave.
Dallas, Texas
75205

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared W. L. Todd, Jr. and Virginia M. Todd to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Francis Merriam
Notary Public

My Commission Expires:
3/6/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

DALPORT OIL CORPORATION

By: W. L. Todd, Jr.

Name: W. L. Todd, Jr., President

Address:

1401 Elm St. #3471

Dallas, Texas

75202

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF TEXAS)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared _____
W. L. Todd, Jr.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Francesca Meneses
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 29th day of July, 1991.

By: _____
Name: _____
Address: _____

The Toles Company, A Limited
Partnership

By: [Signature]
Name: J. Penrod Toles, General Partner
Address: P. O. Drawer 1300
Roswell, NM 88202

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 29th day of July, 1991, personally appeared

J. Penrod Toles

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its General Partner

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such ~~corporation~~ partnership for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires: 9-13-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of July, 1991.

By: <u>[Signature]</u>	By: _____
Name: <u>Donald B. Moore, Managing Partner</u>	Name: _____
Address <u>Moore & Shelton Company, Ltd.</u>	Address: _____
<u>P.O. Box 3070</u>	_____
<u>GALVESTON, TX 77552</u>	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Fort Bend) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of July, 1991, personally appeared Donald B. Moore, Managing Partner and Moore & Shelton Company, Ltd. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 11-25-93



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

Notwithstanding anything to the contrary contained within this Ratification of Unit Agreement or within any other instrument referenced herein, Rosemary Martin executes this instrument without warranty of title of any kind, and the execution hereof is not intended as a ratification of the leases, contracts, etc., pertaining hereto, nor is it intended as a release or indemnification of the parties to said leases, contracts, etc., against the obligations contained therein.

By: _____
Name: _____
Address: _____

By: Rosemary Martin
Name: Rosemary Martin
Address: c/o The Northern Trust Co.
50 S. LaSalle Street
Chicago, IL 60675

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

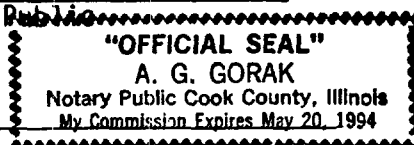
STATE OF ILLINOIS)
COUNTY OF COOK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared Rosemary Martin ~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~her~~ free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
May 20, 1994

A. G. Gorak
Notary Public



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

Notwithstanding anything to the contrary contained within this Ratification of Unit Agreement or within any other instrument referenced herein, Helen S. Eisendrath executes this instrument without warranty of title of any kind, and the execution hereof is not intended as a ratification of the leases, contracts, etc., pertaining hereto, nor is it intended as a release or indemnification of the parties to said leases, contracts, etc., against the obligations contained therein.

By: _____
Name: _____
Address: _____

By: Helen S. Eisendrath
Name: Helen S. Eisendrath
Address: c/o The Northern Trust Co.
50 S. LaSalle Street
Chicago, IL 60675

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF IL)
COUNTY OF COOK) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of JUNE, 1991, personally appeared HELEN S. EISENDRATH and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Helen S. Eisendrath
Notary Public
Joane B. Rushing

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of July, 1991.

BOATMEN'S FIRST NATIONAL BANK OF KANSAS CITY, TRUSTEE OF THE JOEL BREESE TRUST
CREATED UNDER TRUST AGREEMENT DATED 01/14/41 WITH MARTHA B. MASTIN

By: Dudley Alexander
Dudley Alexander, Senior Vice President
Attn: Trust Real Estate
P.O. Box 419038
Kansas City, MO 64183

ATTEST:

Antonia R. De la
Assistant Secretary

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Missouri }
COUNTY OF Jackson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of July, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Senior Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Barbara J. Bowles
Notary Public

My Commission Expires: Nov 10 1992

BARBARA J. BOWLES
NOTARY PUBLIC STATE OF MISSOURI
JACKSON COUNTY

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: Walter Saultz
Name: David Saultz Vice Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the Robert G. Wright Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this ____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas)
COUNTY OF Tom Green) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 4th day of October 1991, personally appeared
David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

Notary Public

My Commission Expires:

3-20-92

TIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of October, 1991.

ATTEST:

By: Betty Galyon
Name: Betty Galyon Vice-Pres. and
Address: Trust Operations Officer
Texas Commerce Bank-San Angelo, NA
P.O. Box 5291
San Angelo, Texas 76902

By: David Saultz
Name: David Saultz Vice-Pres. and Trust Officer
Address: Texas Commerce Bank-San Angelo, NA
Trustee for the W. V. Leftwich Trust
P.O. Box 5291
San Angelo, Texas 76902

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Tom Green } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of October, 1991, personally appeared David Saultz, Vice President and Trust Officer

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Trustee

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Harris
Notary Public

My Commission Expires:
3-20-92

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of July, 1991.

BOATMEN'S FIRST NATIONAL BANK OF KANSAS CITY, TRUSTEE OF THE MASTIN BREESE TRUST CREATED UNDER TRUST AGREEMENT DATED 01/14/41 WITH MARTHA B. MASTIN

By: Dudley Alexander
Dudley Alexander, Senior Vice President
Attn: Trust Real Estate
P.O. Box 419038
Kansas City, MO 64183

ATTEST:

Barbara J. Bowles
Assistant Secretary

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Missouri)
COUNTY OF Jackson) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of July, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Senior Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Barbara J. Bowles
Notary Public

My Commission Expires: June 10, 1992

BARBARA J. BOWLES
NOTARY PUBLIC STATE OF MISSOURI
JACKSON COUNTY
MY COMMISSION EXPIRES: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of July, 1991.

By: _____
Name: _____
Address: _____

By: William O. Coats
Name: Delores Mooers, Trust # 5976
Address: _____
P. O. Box 2050
Fort Worth, TX 76113

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF Texas)
COUNTY OF Tarrant) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of July, 1991, personally appeared William O. Coats and Vice Pres. & Tr. Officer to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires 10-30-93

 **BRENDA M. STEELE**
Notary Public, State of Texas
Commission Expires Oct. 30, 1993

Brenda M. Steele
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24 day of July, 1991.

By: _____
Name: _____
Address: _____

By: Celestia Tomi Prashner
Name: Celestia Tomi Prashner
Address: 3631 Casper
Sierra Vista, Arizona 85635

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF AZ)
COUNTY OF Cochise) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24 day of July, 1991, personally appeared CELESTIA T. PRASHNER and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

William Lewis
Notary Public

My Commission Expires:

~~My Commission Expires April 17, 1994~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 July, 1991.

By: _____
Name: _____
Address: _____

THE WISER OIL COMPANY

By: Charles P. LaRue
Name: Charles P. LaRue, Vice President
Address: _____
P. O. Box 192
Sistersville, WV 26175

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

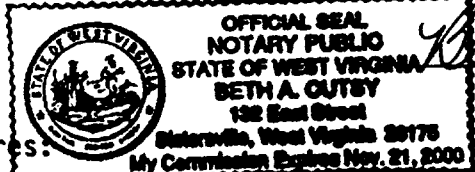
STATE OF West Virginia }
COUNTY OF Tyler } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 22 day of July 1991, personally appeared
Charles P LaRue

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires: _____

Beth A. Cutsy
Notary Public
Beth A. Cutsy

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of July, 1991.

Boatmen's First National Bank of Kansas City (f/k/a Centerra Bank of Kansas City)
By: M. Elizabeth Fast Vice President By: _____
Name: M. Elizabeth Fast, Vice President Name: _____
Address: _____ Address: _____
10th & Baltimore
Kansas City, MO 64106

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Missouri }
COUNTY OF Jackson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of July, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Missouri }
COUNTY OF Jackson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of July, 1991, personally appeared M. Elizabeth Fast

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Jennifer Loch Manczuk
Notary Public

JENNIFER LOCH-MANCZUK
My Commission Expires: _____
Commissioned in Jackson County

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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.

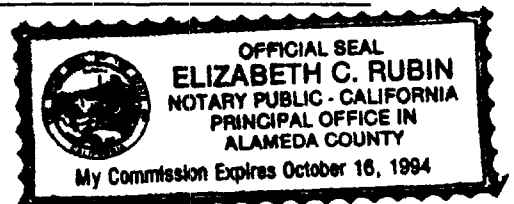
EXECUTED this 19 day of July, 1991.

By: _____
Name: _____
Address: _____

By: Mary S. (Sanford) Gordon
Name: MARY S. (SANFORD) GORDON
Address: 1101 SHATTUCK
BERKELEY CA 94707

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIF. }
COUNTY OF ALAMEDA } SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 19th day of JULY, 1991, personally appeared MARY S. (SANFORD) GORDON and _____ to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Elizabeth C. Rubin

My Commission Expires: 10-16-94

all
input
7/23

(CORPORATION ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to ~~me~~ known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 19th day of July, 1991.

By: Roy F. Pearce Jr.
Name: _____
Address: _____

Roy F. Pearce Jr.
1717 Jackson
Pecos, TX 79772
(Seperate Property)

By: _____
Name: _____
Address: _____

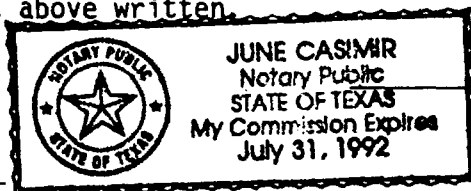
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Reeves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 19th day of July, 1991, personally appeared Roy F. Pearce, Jr. and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 7-31-92



June Casimir
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of July, 1991.

By: _____
Name: _____
Address: _____

By: Mark E. Hodge
Name: _____
Address: **MARK E. HODGE**
P. O. Box 158
Hobbs, New Mexico 88241

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Lamar)
COUNTY OF Mississippi) SS:

Before me, the undersigned, a Notary Public in and for said County and State,
on this 17th day of July, 1991, personally appeared Mark E. Hodge
~~and~~ _____ to me known to be the identical person(s), who
executed the within and foregoing instrument and acknowledged to me that he
~~executed the same as their free and voluntary act and deed for the uses and~~
~~purposes therein set forth.~~

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal
the day and year first above written.

My Commission Expires:

Judith L. Lawton McCall
Notary Public

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18th day of July, 1991.

By: _____
Name: _____
Address: _____

Amroy Co.

By: Ann B. Patterson
Name: Ann B. Patterson
Address: _____

200 NICHOLS HILLS EXECUTIVE BLDG.
6403 NORTH WEST GRAND BLVD.
OKLAHOMA CITY, OKLAHOMA 73116

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 18th day of July 1991, personally appeared _____
Ann B. Patterson

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Jini Humphreys
Notary Public

My Commission Expires:
August 4, 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 18TH day of July, 1991.

Wells Fargo Bank, N. A., Trustee under the Will of George C. Vance, deceased.
WFB No. 714666

By: [Signature]
Name: TIMOTHY K. DAVIES
Address: ASSISTANT VICE PRESIDENT

By: _____
Name: _____
Address: _____

Wells Fargo Bank, N. A.
2222 West Shaw Avenue, Suite 11
Fresno, California 93711

STATE OF CALIFORNIA }
COUNTY OF FRESNO } SS

ON THIS 18TH day of July, 1991, before me, V. Lucero, a Notary Public in and for said County and State, residing therein, duly commissioned and qualified, personally appeared Timothy K. Davies known to me to be an Assistant Vice President and Gregory A. Schlepp, known to me to be a Vice President of Wells Fargo Bank, N. A., the association that executed the within instrument, known to me to be the persons who executed the within instrument on behalf of the association therein named, and acknowledged to me that such association executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first about written.

[Signature]
Notary Public in and for said County and State
2222 West Shaw Avenue, Suite 11
Fresno, California 93711



to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

APPROVED IN DISTRICT COURT THIS 6th DAY OF July 1991
Cathryn Lory Ballentine, District Judge

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 24th day of June, 1991.

ATTEST:
By: Deborah S. Berney
Name: Debora S. Berney
Address: _____

First Interstate Bank of Oklahoma,
N.A., Executor of the Estate of
Cleo Riley Hill
By: Albert J. Bezdicek
Name: Albert J. Bezdicek
Address: P.O. Box 25189
Oklahoma City, OK 73125

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and seal the day and year first above written.

all logged
_____ seal

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 24th day of June 1991, personally appeared Albert J. Bezdicek

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice-President & Trust Officer

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Kathy L. Carter
Notary Public

My Commission Expires: 1-31-94

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 16th day of July, 1991.

By: R. M. Miller
Name: _____
Address: _____
 R. M. Miller
 3500 Bandolina
 Roswell, NM 88201

By: Jane G. Miller
Name: _____
Address: _____
 Jane G. Miller
 3500 Bandolina
 Roswell, NM 88201

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico }
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 16 day of July, 1991, personally appeared R. M. Miller and Jane G. Miller to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Dorothy Jackson
Notary Public

My Commission Expires:
10-02-92

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of July, 1991.

By: Wanda Weathers
Name: Wanda Weathers
Address: 3401 Heines
Tulsa OK 74102

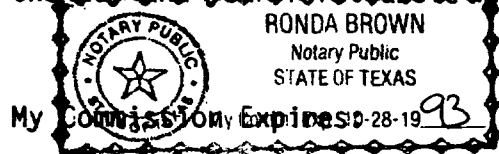
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Smith } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of July, 1991, personally appeared Wanda Weathers and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Ronda Brown
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of July, 1991.

By: Weston W. Ware
Name: WESTON W. WARE
Address: 1503 Shields Ave.
Cedar Hill Texas
75104

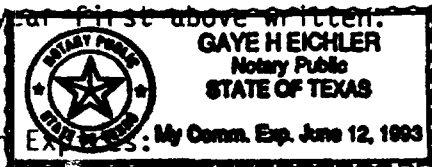
By: Charlotte E. Ware
Name: CHARLOTTE E. WARE
Address: 1503 Shields Ave.
Cedar Hill, TX.
75104

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of July, 1991, personally appeared Weston W. Ware and Charlotte E. Ware to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he + she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires

Gaye H. Heichler
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15 day of July, 1991.

By: Claude A. Phillips
Name: _____
Address: P.O. Box 2308
ELKO, NV 89801

By: Margaret L. Phillips
Name: _____
Address: _____

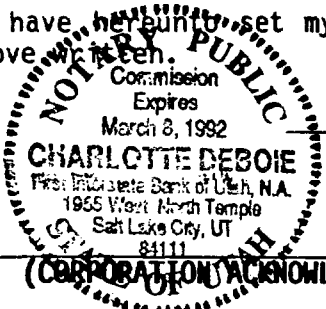
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Utah)
COUNTY OF SALT LAKE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 15th day of July, 1991, personally appeared Claude A. Phillips and Margaret L. Phillips to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 3-8-92



Charlotte DeBoie
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 17th day of July, 1991.

By: Helen Jane Christmas Barby
Name: 585-26-7433
Address:
Helen Jane Christmas Barby
P.O. Box 3767
Edmond, Ok 73083

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Oklahoma } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 17th day of July, 1991, personally appeared Helen Jane Christmas Barby and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Debra C. Chambers
Notary Public

My Commission Expires:
March 8, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12th day of July, 1991.

By: [Signature]
Name: John Van Cleave
Address: 508 Jefferson Ave
Glendale, IL 60022

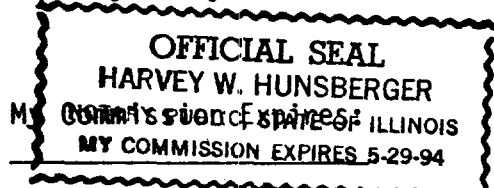
By: [Signature]
Name: Caroline Van Cleave
Address: 508 Jefferson Ave
Glendale, IL 60022

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois
COUNTY OF Cook } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of July, 1991, personally appeared John Van Cleave and Caroline Van Cleave to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11 day of July, 1991.

By: Vivien P. Moore
Name: Vivien P. Moore
Address: 8138 Donore
San Antonio, Texas 78229

By: Charles H. Moore
Name: Charles H. Moore, M.D.
Address: 8138 Donore
San Antonio, Texas 78229

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Bexar) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11 day of July, 1991, personally appeared Charles H. Moore, M.D. and Vivien P. Moore to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Barbara A. Davis
Notary Public

My Commission Expires:
2/19/95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Muriel Pletcher
Name:
Address:
Muriel Pletcher
659 Pearl St.
Marion, Ohio 43302

By: Eugene M. Pletcher
Name:
Address:
Eugene M. Pletcher
659 Pearl St
Marion, Ohio 43302

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Florida }
COUNTY OF Lee } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Muriel Pletcher and Eugene M. Pletcher, to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Quinn Harrison
Notary Public

My Commission Expires SEP 15, 1993
MY COMMISSION EXP. SEPT. 15, 1993
~~BOONDEE THRU GENERAL INS. UND.~~

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 12 day of July, 1991.

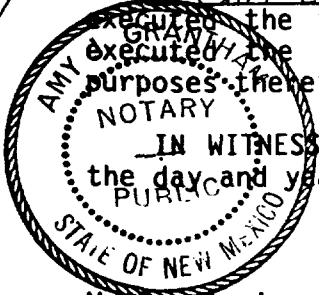
By: Mardine Cooper
Name: MARDINE COOPER
Address: Box 22
ROSWELL NM 88202

By: Carl E Cooper
Name: CARL E COOPER (spouse)
Address: Same

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF New Mexico
COUNTY OF Chaves } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12th day of July, 1991, personally appeared Mardine Cooper and Carl E. Cooper to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that ~~they~~ they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.



IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Amy Grantham
Notary Public

My Commission Expires:
March 18, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts said Unit Agreement, as fully as though the undersigned had executed the original agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 12 day of July, 1991.

By: John L. Senior III
Name: _____
Address: _____
John L. Senior III
110 Mercer Rd.
Savannah, Ga. 31411

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Georgia }
COUNTY OF Chatham } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 12 day of July, 1991, personally appeared John L. Senior III and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sharon Seng
Notary Public

My Commission Expires: _____
SHARON SENG
Notary Public, Chatham County, Ga.
My Commission Expires July 18, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of July, 1991.

By: Robert E. Ogden
Name: _____
Address: _____
ROBERT E. OGDEN
1464 Del Norte
Corona, CA 92719

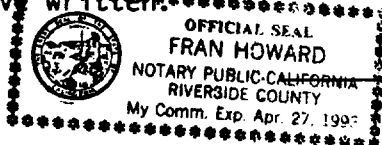
By: Kathleen A. Ogden
Name: _____
Address: _____
KATHLEEN A. OGDEN
1464 Del Norte Drive
Corona, CA 92719

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Riverside } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of July, 1991, personally appeared Robert E. Ogden and Kathleen A. Ogden to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Fran Howard
Notary Public

My Commission Expires: 4/27/1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of July, 1991.

By: Henry C. Leigh
Name: _____
Address: _____

P.O. Box 396
WOODBINE
GEORGIA 31569

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Georgia }
COUNTY OF CAMDEN } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of July, 1991, personally appeared Henry C. Leigh and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Brenda Daniels
Notary Public

My Commission Expires:
Notary Public, Camden County, Georgia
My Commission Expires February 19, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10th day of JUNE, 1991.

Ameritrust Texas N.A. Trustee U/W/O
Hubert E. Clift, Deceased and Trustee
for the Jeannette E. Clift Trust

By: [Signature]
Name: David V. Boone
Address: First Vice President

By: [Signature]
Name: Jeannette E. Clift George
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared Jeannette E. Clift George and [Signature] to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
8-4-92

(CORPORATION ACKNOWLEDGEMENT)

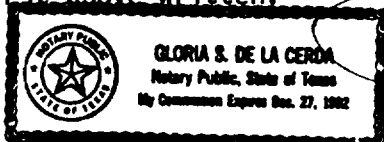
STATE OF TEXAS)
COUNTY OF HARRIS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of June, 1991, personally appeared
David V. Boone, Ameritrust Texas N.A.

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its First Vice President

and acknowledged to me that He executed the same as His free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



[Signature]
Notary Public

My Commission Expires:

A RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 1st day of July, 1991.

The Grand Lodge of Free and Accepted Masons

By: William Skrepnek
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3RD day of JULY, 1991, personally appeared WILLIAM SKREPNEK and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Cindy Borrello
Notary Public

My Commission Expires:
MAY 9, 1992

CINDY BORRELLO
Notary Public, Kent County, MI
My Commission Expires May 9, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 8 day of July, 1991.

By: _____
Name: _____
Address: _____

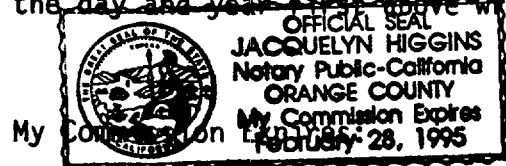
By: [Signature]
Name: JAMES D. GUNDERSON
Address: TRUSTEE of JEAN R. Huston Trust
P.O. Box 30270
Laguna Hills, CA 92653-0270

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF California }
COUNTY OF Orange } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 8 day of July 1991, personally appeared James D. Gunderson and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

DIVISION OF LANDS

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of July, 1991.

By: Joyce Slade
Name: Joyce Slade
Address: Ambercrest R.R.1
Bowen Island
B.C. V0N 1G0 Canada

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

PROVINCE OF
~~STATE OF~~ BRITISH COLUMBIA)
COUNTY OF BOWEN ISLAND) ~~SS:~~ CANADA

A Notary Public in and for

Before me, the undersigned, a Notary Public in and for ~~the Province of British Columbia and State~~ on this 9th day of JULY, 1991, personally appeared JOYCE SLADE and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as ~~their~~ free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

MARION B. PEARCE, B.A.

NOTARY PUBLIC

Notary Public

My Commission Expires: IS FOR LIFE

P.O. BOX 19, SNUG COVE
BOWEN ISLAND, B.C., V0N 1G0
TEL: 1(604) 947-2210

MY SIGNATURE IS ON FILE AT THE
U.S. CONSULATE, VANCOUVER B.C.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of July, 1991.

By: Dorothy Reed Maczok
Name:
Address:
DOROTHY REED MACZOK
RT 2 Box 142
NEW HAVEN, Mo. 63068

By: _____
Name: _____
Address: _____

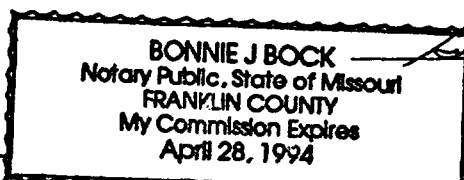
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Missouri }
COUNTY OF Franklin } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of July, 1991, personally appeared Dorothy Reed Maczok and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: _____



Bonnie J. Bock
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who _____ ribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____
and deed and as the free _____
uses and purposes therein s _____

as _____ free and voluntary act
ed of such corporation, for the _____

IN WITNESS WHEREOF I have
the day and year first above

and affixed my official seal

Notary Public

My Commission Expires: _____

1 RATIFICATION AND JOINDER
 OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
 SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10 day of July, 1991.

By: [Signature]
Name: _____
Address: _____
 B. Frederick Smith
 5020 Lafayette Avenue
 Omaha, Nebraska 68132

By: _____
Name: _____
Address: _____

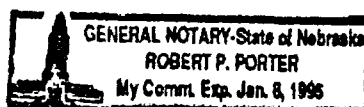
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Nebraska)
 Douglas) SS:
COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of July, 1991, personally appeared B. Frederick Smith and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 1-8-95



[Signature]
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
) SS:
COUNTY OF _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

_____ and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 _____ day of _____, 1991.

By: Louise Bernard
Name: _____
Address: 1632 Linden Ave
Highland Park, IL
60035

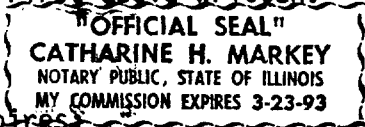
By: [Signature]
Name: JAMES F. BERNARD
Address: HIGHLAND PARK (1632 LINDEN
IL 60035 AVE)

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Illinois
COUNTY OF Lake } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10 day of July, 1991, personally appeared Louise Bernard and James F. Bernard to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Catharine H. Markey
Notary Public

My Commission Expires 3/23/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of July, 1991.

ATTEST:

By: Elizabeth A. Vines
Name: Assistant Secretary
Address: _____

PDI, INC.

By: S.K. Hatfield
Name: S.K. Hatfield, Vice Pres.
Address: _____
105 N. Hudson
800 Hightower Building
Oklahoma City, OK 73102

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF OKLAHOMA }
COUNTY OF OKLAHOMA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 9th day of July, 1991, personally appeared
S. K. Hatfield

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Roscoe L. Cunningham
Notary Public

My Commission Expires:
Jan 31, 1995

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 10th day of July, 1991.

By: Tanya Weir
Name: _____
Address: 711 Greenview Cir,
Sand Springs, OK
74063

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 10th day of July, 1991, personally appeared Tanya Weir and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Patricia McDonald
Notary Public

My Commission Expires:
11-27-94

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9 day of JUL, 1991.

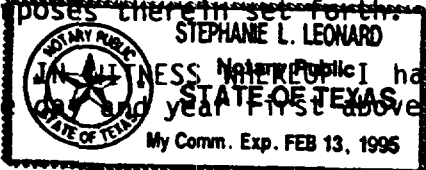
By: John W. Crotty
Name: _____
Address: 18064 S. SHORE DR
FLINT, TX 75762

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas)
COUNTY OF Smith) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 9 day of JUL, 1991, personally appeared John W. Crotty and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.



IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the 9 day of JUL, 1991.

Stephanie L. Leonard
Notary Public

My Commission Expires:
2-13-95

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of July, 1991.

N. K. Ellis #1 Trust 283
NCNB Texas National Bank Trustee

BY: [Signature]
H. Greg Holcomb, Vice President
P.O. Box 270
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)

COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

(CORPORATION ACKNOWLEDGEMENT)

THE STATE OF TEXAS §
 §
COUNTY OF MIDLAND §

BEFORE ME, the undersigned authority, on this day personally appeared H. Greg Holcomb, an officer of NCNB Texas National Bank, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Bank in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 9th day of July A.D., 1991.



Brenda D. Niblett
Notary Public, State of Texas
My Commission Expires 8-2-93

[Signature]
Notary Public in and for the State of Texas

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of July, 1991.

Jeanne Edna Hunt Trust #863
NCNB Texas National Bank Trustee

BY: [Signature]
H. Greg Holcomb, Vice President
P.O. Box 270
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)

COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

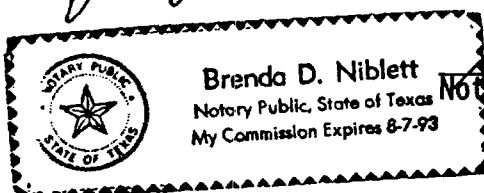
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

THE STATE OF TEXAS §
 §
COUNTY OF MIDLAND §

BEFORE ME, the undersigned authority, on this day personally appeared H. Greg Holcomb, an officer of NCNB Texas National Bank, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Bank in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 9th day of July A.D., 1991.



[Signature]
Notary Public in and for the State of Texas

**RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG,
SAN ANDRES UNIT**

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 9th day of July, 1991.

Dorothy Louise Henderson Trust
NCNB Texas National Bank Trustee

BY: [Signature]
H. Greg Holcomb, Vice President
P.O. Box 270
Midland, Texas 79702

**TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)**

STATE OF _____)

COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

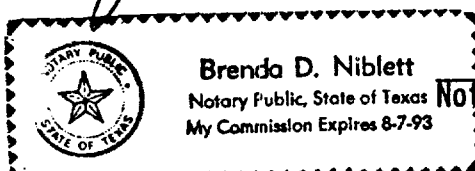
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

THE STATE OF TEXAS §
 §
COUNTY OF MIDLAND §

BEFORE ME, the undersigned authority, on this day personally appeared H. Greg Holcomb, an officer of NCNB Texas National Bank, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Bank in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 9th day of July A.D., 1991.



[Signature]
Notary Public in and for the State of Texas

ATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of July, 1991.

By: Albert D. Hancock
Name:
Address:
Albert D. Hancock
11 Deep Spring Lane
Stamford, CT 06907

By: Corinne L. Hancock
Name:
Address:
CORINNE L. HANCOCK
11 DEEP SPRING LN
STAMFORD CT 06907

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Ct)
COUNTY OF Fairfield) SS: Stamford

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of July, 1991, personally appeared Albert D. Hancock and Corinne L. Hancock to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

DOROTHY C. PELUSO
NOTARY PUBLIC
MY COMMISSION EXPIRES MAR. 31, 1994
My Commission Expires:

Dorothy C. Peluso
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT FOR
THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 any lands within the Unit Area in which the undersigned may be found to have an oil and gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its successors and assigns.

EXECUTED this 21st day of May, 1991.

NCNB Texas National Bank, Trustee of
Petrust of America Trust

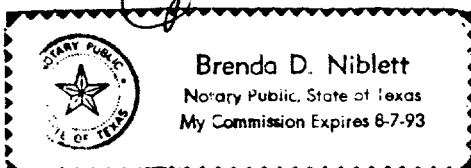
BY: [Signature]
H. Greg Holcomb, Vice President
& Mineral Property Manager
P.O. Box 270
Midland, Texas 79702

TO BE COMPLETED BY A NOTARY PUBLIC
(CORPORATION ACKNOWLEDGEMENT)

THE STATE OF TEXAS]
] ss.
COUNTY OF MIDLAND]

BEFORE ME, the undersigned authority, on this day personally appeared H. Greg Holcomb, an officer of NCNB Texas National Bank, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said Bank in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this the 21st day of May A.D., 1991.



[Signature]
Notary Public in and for the State of Texas

(INDIVIDUAL ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 23rd day of May, 1991.

F. W. Burger Trust #1

By: _____
Name: Lynda Burger Gibbs, Trustee
Address: _____
804 Via Descanso
El Paso, Texas 79912

By: Frank W. Burger Jr.
Name: F. W. Burger, Jr. Trustee
Address: _____
862 15th St.
Boulder, Co 80302

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Colorado }
COUNTY OF Jefferson } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 23rd day of May, 1991, personally appeared Frank W. Burger Jr and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Vicki L. Hill
Notary Public

My Commission Expires:
July 18, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

7
RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 20th day of May, 1991.


F. W. Burger Trust #1	
By: <u><i>Lynda Burger Gibbs</i></u>	By: _____
Name: <u>Lynda Burger Gibbs, Trustee</u>	Name: <u>F. W. Burger, Jr., Trustee</u>
Address: <u>804 Via Descanso</u>	Address: <u>862 15th St.</u>
<u>El Paso, Texas 79912</u>	<u>Boulder, Co 80302</u>

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Taylor } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 20th day of May, 1991, personally appeared Lynda Burger Gibbs and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

	<u><i>Patricia A. Rice</i></u> Notary Public
---	---

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of June, 1991.

By: John N. Larned
Name: _____
Address: 49 Beardsley
Kent, Ct
06757

By: JOAN N. LARNED
Name: _____
Address: 49 Beardsley
Kent, Ct 06757

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Connecticut
COUNTY OF Litchfield

SS: New Milford

previous address
300 Riverside Dr.
New York, N.Y.
10025

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of June, 1991, personally appeared JOAN N. LARNED and she is personally to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

ANNETTE FECHO
NOTARY PUBLIC

Annette Fecho
Notary Public

My Commission Expires: _____

MY COMMISSION EXPIRES MARCH 31, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____
COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

Sue L. Wuerflein, Trustee
DAVID E. ECKOW Trust

By: FBO. Daniel James Eckow By: _____

Name: _____

Name: _____

Address: _____

Address: _____

SUE L. WUERFLEIN, TRUSTEE
15900 Kennedy Rd
LOS GATOS, CA
95032

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

SS: _____



Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:
JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Morothy Jean Bieles
Name: _____
Address: 1664 Fairdale Drive
Encinitas, Calif. 92024

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

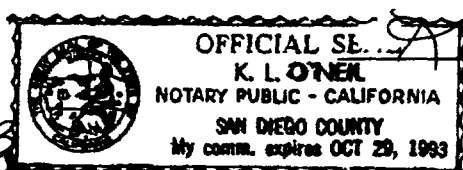
STATE OF California }
COUNTY OF San Diego } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3 day of June, 1991, personally appeared Morothy Jean Bieles and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:

October 29, 1993



K. L. O'Neil
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

Sue L. Wuerflein, Trustee
DAVID E. Edsall Trust

By: FBO Kimberly Sue Edsall By: _____

Name: _____

Name: _____

Address: _____

Address: _____

SUE L. WUERFLEIN, TRUSTEE

15900 Kennedy Rd

LOS GATOS

CA 95032

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA

COUNTY OF SANTA CLARA

SS: _____



Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:
JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____

COUNTY OF _____

SS: _____

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Harriet Avondoglio
Name:
Address:
HARRIET AVONDOGLIO
19 RIVERSIDE
WORTON, CT 06442

By: _____
Name:
Address:

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Connecticut }
COUNTY OF Middlesex } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7 day of June, 1991, personally appeared Harriet Avondoglio and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
SALLY J. TIEZZI
NOTARY PUBLIC

MY COMMISSION EXPIRES MARCH 31, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Hugh Corrigan, III
Name: TRUSTEE
Address: _____

TAX ID # 59-6649651

By: Hugh Corrigan, III, Trustee
Name: of the Hugh Corrigan, III
Address: Trust

P. O. Box 50280
Midland, TX 79710

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Hugh Corrigan, III, Trustee and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
August 18, 1992



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

_____ to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: James Denny Estes, Jr.
Name: JAMES DENNY ESTES, JR
Address: 2224 E. 20th
Tulsa, OK 74104

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA
COUNTY OF TULSA } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of JUNE 1991, personally appeared JAMES DENNY ESTES, JR and _____ to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal, the day and year first above written.

[Signature]
Notary Public

My Commission Expires: April 25, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal, the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7 day of June, 1991.

By: Hugh Corrigan, III
Name: Hugh Corrigan, III
Address: SS # 262-46-6365

P. O. Box 50280
Midland, TX 79710

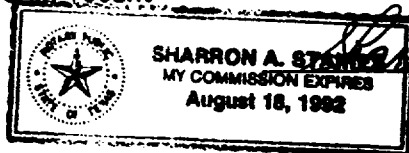
By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF MIDLAND) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Hugh Corrigan, III and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



My Commission Expires:
August 18, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 11th day of June, 1991.

By: William G. Seal
Name:
Address:

4662 South Street
Julian, Ok 74105

By: _____
Name:
Address:

Wife is
deceased

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKLAHOMA }
COUNTY OF ROGERS } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 11th day of June, 1991, personally appeared William G. Seal and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Ruth J. Langley
Notary Public

My Commission Expires:
My Commission Expires: April 30, 1995

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 7th day of June, 1991.

By: Charlene L. Dennis
Name: Charlene L. Dennis
Address: 2306 W. Club Rd.
Puncan, OK. 73533

By: Richard B. Dennis, Jr.
Name: Richard B. Dennis, Jr.
Address: 2306 W. Club Rd.
Puncan, OK. 73533

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF OKla.)
COUNTY OF Stephens) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 7th day of June, 1991, personally appeared Charlene L. Dennis and Richard B. Dennis to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:
1-26-93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3RD day of JUNE, 1991.

By: <u>Robert G. Anderson</u> , President	By: <u>COMMONWEALTH ROYALTIES, INC.</u>
Name: Robert G. Anderson	Name: _____
Address: _____	Address: _____
<u>1618 First National Bldg.</u>	_____
<u>Tulsa, OK 74103</u>	_____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Oklahoma }
COUNTY OF Tulsa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3rd day of June 1991, personally appeared Robert G. Anderson,

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its President

and acknowledged to me that he executed the same as his free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Aileen S. Beale
Notary Public

My Commission Expires:
Feb. 22, 1994

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of JUNE, 1991.

By: Sarah E. Denney
Name:
Address:
SARAH E. DENNEY
2780 CULBERTSON
PARIS, TX 75460

By: B.P. Denney
Name:
Address:
B.P. DENNEY
2780 CULBERTSON
PARIS, TX 75460

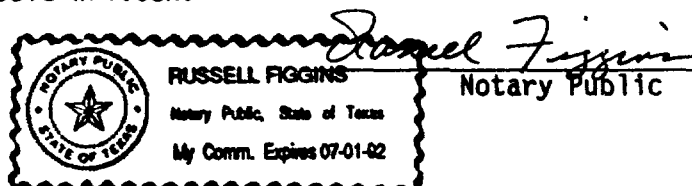
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF LAMAR) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of JUNE, 1991, personally appeared B.P. DENNEY and SARAH E. DENNEY to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires:
7-1-92



(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5th day of June, 1991.

By: Barbara L. Nicolai
Name: Barbara L. Nicolai
Address:
7019 - 47th Avenue SW
#9
Seattle, WA 98136

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF WASHINGTON)
COUNTY OF KING) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of June, 1991, personally appeared Barbara L. Nicolai and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Karen A. Niemert
Notary Public

My Commission Expires:
May 28, 1993

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6TH day of June, 1991.

By: _____
Name: _____
Address: _____

By: La Neil S. Wright
Name: _____
Address: 3513 Duplex Dr.
Dallas, TX 75205

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6th day of June, 1991, personally appeared La Neil S. Wright and _____ to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that she executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Jean H. Stephenson
Notary Public

My Commission Expires _____

JEAN H. STEPHENSON, Notary Public
in and for Dallas County, Texas

5/25/93

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 6th day of June, 1991.

By: Eisie Reeves
Name: EISIE REEVES
Address: 3902 W. Keim Dr
Phoenix, AZ 85019

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF AZ }
COUNTY OF Maricopa } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 6 day of June, 1991, personally appeared Eisie M. Reeves and X X X to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Sherrill B. Boudreau
Notary Public

My Commission Expires: _____
My Commission Expires Oct. 31, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal, the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 31st day of May, 1991.

NCNB TEXAS NATIONAL BANK Trustee of Abelow Family Trust #3608-00

By: Lometa Brown
Name: LOMETA BROWN
Address: _____
ASSISTANT VICE PRESIDENT

By: Patricia Ann Cox
Name: PATRICIA ANN COX
Address: _____
VICE PRESIDENT

P.O. Box 830308
Dallas, TX 75283-0308

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

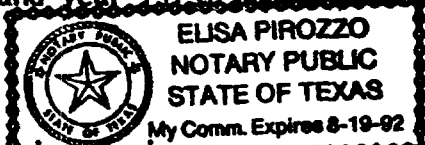
STATE OF TEXAS)
COUNTY OF DALLAS) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 31st day of May, 1991, personally appeared

LOMETA BROWN AND PATRICIA ANN COX
to me known to be the identical persons who subscribed the name of the maker thereof to the foregoing instrument as its ASST. VICE PRESIDENT &
VICE PRESIDENT

and acknowledged to me that they executed the same as their free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.



Elisa Pirozzo
Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: Lottie Elaine Marvin
Name:
Address:
8120 Country Club Rd. No.
St. Petersburg, FL 33710

By: Ronald L. Marvin, Sr.
Name:
Address:
Same

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF FLORIDA SS:
COUNTY OF PINELLAS

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of JUNE, 1991, personally appeared LOTTIE ELAINE MARVIN and RONALD L. MARTIN SR. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

[Signature]
Notary Public

My Commission Expires:
NOTARY PUBLIC, STATE OF FLORIDA.
MY COMMISSION EXPIRES: JAN. 23, 1994.
BONDED THRU NOTARY PUBLIC UNDERWRITERS.

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ } SS:
COUNTY OF _____ }

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 4th day of June, 1991.

By: Barbara E. Hannifin
Name: BARBARA E. HANNIFIN
Address: P. O. Drawer 2588
Roswell, NM 88202

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF NEW MEXICO)
COUNTY OF CHAVES) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 4th day of June, 1991, personally appeared BARBARA E. HANNIFIN and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Martha Ann Jaquess
Notary Public

My Commission Expires:
January 11, 1995

MARTHA ANN JAQUESS

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 3 day of June, 1991.

By: Tesona Ratliff
Name: _____
Address: _____
Tesona Ratliff
1407 Las Palmas
Beeville, Tex 78102

By: James Ratliff Jr.
Name: _____
Address: _____
James Ratliff Jr.
1407 Las Palmas
Beeville, Texas 78102

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS)
COUNTY OF BEE) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 3RD day of JUNE, 1991, personally appeared TESONA RATLIFF and JAMES RATLIFF, JR. to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that They executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Martina Rohr
Notary Public, MARTHA ROHR

My Commission Expires:
AUGUST 20, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____) SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof, to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 300 day of June, 1991.

By: <u>Bernice G. Futrell</u> Name: _____ Address: _____ <u>BERNICE G. FUTRELL</u> <u>1431 CABLE RANCH RD #2403</u> <u>SAN ANTONIO, TX 78245</u>	By: _____ Name: _____ Address: _____
---	--

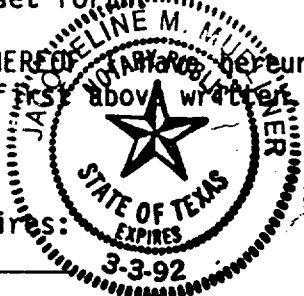
TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF TEXAS }
COUNTY OF BEXAR } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 300 day of JUNE, 1991, personally appeared BERNICE G. FUTRELL and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 3-3-92



Jacqueline M. Mueller
Notary Public

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

By: Margaret H. Wozzcki
Name: _____
Address: 721 Robins Rd
San Luis Mich 48915

By: _____
Name: _____
Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF Michigan }
COUNTY OF Eaton } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this 5 day of June, 1991, personally appeared Margaret H. Wozzcki and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Rosemary Margaret Adams
Notary Public

My Commission Expires:
March 15, 1992

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 5 day of June, 1991.

Sue L. Wuertlein Trustee
the DAVID E. ECKON Trust For

By: William Scott Eckon

Name:

Address:

By: _____

Name: _____

Address: _____

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF CALIFORNIA)
COUNTY OF SANTA CLARA)

SS:



Before me, the undersigned, a Notary Public in and for said County and State, on this 5th day of JUNE, 1991, personally appeared SUE L. WUERFLEIN and _____ to me known to be the identical person(x), who executed the within and foregoing instrument and acknowledged to me that She executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Christine M. Sunseri
Notary Public

My Commission Expires:
JANUARY 29, 1994

(CORPORATION ACKNOWLEDGEMENT)

STATE OF _____)
COUNTY OF _____)

SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____ 1991, personally appeared

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its _____

and acknowledged to me that _____ executed the same as _____ free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires:

RATIFICATION AND JOINDER
OF UNIT AGREEMENT
FOR THE NORTH MONUMENT GRAYBURG/
SAN ANDRES UNIT

In consideration of the execution of the Unit Agreement for the Development and Operation of the North Monument Grayburg/San Andres Unit Area, County of Lea, State of New Mexico, dated May 1, 1991, in form approved on behalf of the United States Bureau of Land Management, Commissioners of Public Lands of the State of New Mexico and the New Mexico Oil Conservation Division, the undersigned royalty interest owner hereby expressly ratifies, approves, and adopts 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 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 15th day of October, 1991.

Southern Methodist University

By: Elizabeth C. Williams
Name: _____
Address: _____

By: _____
Name: _____
Address: _____

Elizabeth C. Williams
Vice President for Business & Finance
PO Box 114
Dallas, Texas 75275

TO BE COMPLETED BY A NOTARY PUBLIC
(INDIVIDUAL ACKNOWLEDGMENT)

STATE OF _____ }
COUNTY OF _____ } SS:

Before me, the undersigned, a Notary Public in and for said County and State, on this _____ day of _____, 1991, personally appeared _____ and _____ to me known to be the identical person(s), who executed the within and foregoing instrument and acknowledged to me that he executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

Notary Public

My Commission Expires: _____

(CORPORATION ACKNOWLEDGEMENT)

STATE OF Texas }
COUNTY OF Dallas } SS:

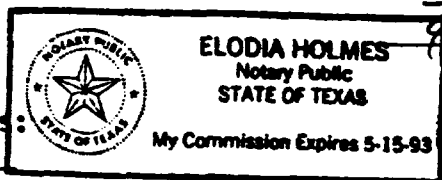
Before me, the undersigned, a Notary Public in and for said County and State, on this 15TH day of October 1991, personally appeared
Elizabeth C. Williams

to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument as its Vice President for Business & Finance

and acknowledged to me that she executed the same as her free and voluntary act and deed and as the free and voluntary act and deed of such corporation, for the uses and purposes therein set forth.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal the day and year first above written.

My Commission Expires: 5-15-93



Elodia Holmes
Notary Public

Smead®
No. 2K2ET500-18.3

HASTINGS, MN
LOS ANGELES-CHICAGO-LOGAN, OH
MCGREGOR, TX-LOCUST GROVE, GA
U.S.A.

ROYALTY OWNER RATIFICATIONS
OCD COPIES 10/25/91