



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

October 23, 1992

CAMBELL, CARR, BERGE
& SHERIDAN
Attorneys at Law
P. O. Box 2208
Santa Fe, New Mexico 87504

RE: CASE NO. 10553
ORDER NO. R-9746

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

A handwritten signature in cursive script, appearing to read "Florene Davidson".

Florene Davidson
OC Staff Specialist

FD/sl

cc: BLM Carlsbad Office



JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

February 11, 1992

ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

Attn: Mr. V. Ray Pyle

Re: Request for Preliminary Approval
South Justis Unit
Lea County, New Mexico

Dear Mr. Pyle:

This office is in receipt of your application of February 4, 1992, requesting preliminary approval of the South Justis Unit Area, Lea County, New Mexico.

We regret to inform you that preliminary approval of this unit agreement is being withheld until the following has been submitted:

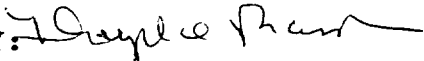
1. The filing fee for a unit agreement is thirty (\$30.00) dollars for every section or partial section thereof. Please submit a filing fee in the amount of \$420.00.
2. Engineering Report and Geological Data.
3. What kind of water will you be using? Will you be using fresh water in your proposed operation?
4. Initial Plan of Operation.
5. Re-Designation of well names and numbers.
6. Data used in determining Tract Participation factors as per Section 13 of the agreement.
7. Page 2, containing Unit Area and Definitions, is missing from our copy of the Unit Agreement.
8. On Exhibits "A" and "B", Tract No. 33, the correct lease number should be E-497-1. The correct Lessee of Record should be M. W. Petroleum Corp.

9. On Exhibits "A" and "B", Tract No. 34, the correct lease number should be B-229-1.
10. On Exhibits "A" and "B", Tract No. 35, the correct lease number should be B-228-1.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File

067



JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

March 11, 1992

ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79701

Attn: Mr. V. Ray Pyle

Re: South Justis Unit
Preliminary Approval
Lea County, New Mexico

Dear Mr. Pyle:

This office has reviewed the unexecuted copy of unit agreement for the proposed South Justis Unit, Lea County, New Mexico. This agreement meets the general requirements of the Commissioner of Public Lands and has this date granted you preliminary approval as to form and content.

Preliminary approval shall not be construed to mean final approval of this agreement in any way and will not extend any short term leases until final approval and an effective date are given.

When submitting your agreement for final approval, please submit the following:

1. The filing fee in the amount of \$420.00. The filing fee for a unit agreement is thirty (\$30.00) dollars for every section or partial section thereof.
2. Final approval will be conditional upon our understanding that no fresh water will be used in this operation. (water containing 10,000 milligrams per liter or less of total dissolved solids).
3. Initial Plan of Operation.
4. Re-Designation of well names and numbers.
5. Application for final approval by the Commissioner setting forth the tracts that have been committed and the tracts that have not been committed.
6. All ratifications from Lessees of Record and Working Interest Owners. All signatures should be acknowledged before a Notary. One set must contain original signatures.

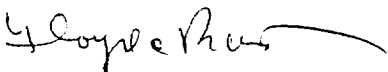
ARCO Oil and Gas Company
South Justis Unit
March 11, 1992
Page 2

7. Certificate of Determination by the Bureau of Land Management.
8. Order of the New Mexico Oil Conservation Division. Our approval will be conditioned upon subsequent favorable approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.
9. Two copies of the Unit Operating Agreement.
10. Two copies of the Unit Agreement including Exhibits "A", "B", and "C".
11. Data used in determining Tract Participation factors for State lands as per Section 13 of the agreement is confusing. We would like the information used in determining the tract participation factors for Tract Nos. 31, 32, 33, 34 and 35. The Tract Numbers in Exhibit "G" of the Technical Committee Report Dated April 1990, are not consistent with the Tract numbers on Exhibit "C" of the Unit Agreement. Also, we would like a recap of the total participation from State, Federal and Fee lands.
12. Exhibit "B", under Participation of Tract in Unit, does not show the participation percentages. This should make reference to Exhibit "C".

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: 
FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD-Santa Fe
BLM-Roswell Attn: Mr. Armando Lopez

NEW MEXICO STATE LAND OFFICE

CERTIFICATE OF APPROVAL

COMMISSIONER OF PUBLIC LANDS, STATE OF NEW MEXICO


ATLANTIC RICHFIELD COMPANY
SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, a Unit Agreement for the development and operation of acreage which is described within the referenced Agreement, dated SEPTEMBER 1, 1992, which said Agreement has been executed by parties owning and holding oil and gas leases and royalty interests in and under the property described, and upon examination of said Agreement, the Commissioner finds:

- (a) That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said area.
- (b) That under the proposed agreement, the State of New Mexico will receive its fair share of the recoverable oil or gas in place under its lands in the area.
- (c) That each beneficiary Institution of the State of New Mexico will receive its fair and equitable share of the recoverable oil and gas under its lands within the area.
- (d) That such agreement is in other respects for the best interests of the State, with respect to state lands.

NOW, THEREFORE, by virtue of the authority conferred upon me under Sections 19-10-45, 19-10-46, 19-10-47, New Mexico Statutes Annotated, 1978 Compilation, I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby consent to and approve the said Agreement, however, such consent and approval being limited and restricted to such lands within the Unit Area, which are effectively committed to the Unit Agreement as of this date, and further, that leases insofar as the lands covered thereby committed to this Unit Agreement shall be and the same are hereby amended to conform with the terms of such Unit Agreement, and said leases shall remain in full force and effect in accordance with the terms and conditions of said Agreement. This approval is subject to all of the provisions of the aforesaid statutes.

IN WITNESS WHEREOF, this Certificate of Approval is executed, with seal affixed, this 17TH day of DECEMBER, 1992.


COMMISSIONER OF PUBLIC LANDS
of the State of New Mexico



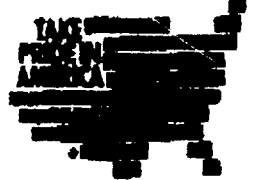
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P.O. Box 1397

Roswell, New Mexico 88201-1397



IN REPLY
REFER TO:

NMNMS7877X
3180 (065)

Campbell, Carr, Berge, & Sheridan, P. A.
Attention: Mr. William F. Carr
P. O. Box 2208
Santa Fe, New Mexico 87504-2208

Gentlemen:

One approved copy of the South Justis Unit Agreement, Lea County, New Mexico, filed on behalf of Arco Oil and Gas Company, is enclosed. Such agreement has been assigned No. NMNMS7877X and will become effective upon submittal of a Certificate of Effectiveness pursuant to section 24 of the unit agreement.

Approval of the agreement does not warrant or certify that the operator thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely,

Armando A. Lopez
Assistant District Manager,
Minerals

1 Enclosure

FACSIMILE TRANSMISSION

Confidential:

TO: KAY #416

FROM: MARK LOU ORMSBY

PAXED # of pages 2

REMARKS: 915-698-5746 FA

CONFIRMED

CERTIFICATION--DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, the Act approved February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C., secs. 181, et seq., and delegated to the District Manager under the authority of 43 CFR 3180, I do hereby:

- A. Approve the attached agreement for the development and operation of the South Justis unit area, State of New Mexico. This approval shall be invalid ab initio if the public interest requirement under §3183.4 (b) of this title is not met.
- B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.
- C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all Federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.


ADM, Minerals
Bureau of Land Management

12/23/92
Date

NMNM87877X
Contract No.



JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

10533
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

December 17, 1992

Campbell, Carr, Berge & Sheridan, P. A.
P. O. Box 2208
Santa Fe, New Mexico 87504-2208

Attn: Mr. William F. Carr

Re: Final Approval
South Justice Unit
Lea County, New Mexico

Dear Mr. Carr:

This office is in receipt of your letter of December 14, 1992, requesting final approval of the South Justice Unit. Attached with your letter is a copy of the New Mexico Oil Conservation Division's Statutory Unitization Order No. R-9746 entered on October 23, 1992, in Case No. 10553. Under this order all tracts within the proposed unit boundary will be committed to the unit.

Please be advised that the Commissioner of Public Lands has this date granted final approval to the South Justice Unit, Lea County, New Mexico and your Initial Plan of Operation.

Our approval is subject to like approval by the Bureau of Land Management.

Enclosed are Five (5) Certificates of Approval.

Your filing fee in the amount of Four Hundred Twenty Dollars (\$420.00) has been received.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*

FLOYD O. PRANDO, Director
Oil/Gas and Minerals Division
(505) 827-5744
JB/FOP/pm
encls.

cc: Reader File
OCD-Santa Fe
TRD-Santa Fe Attn: Mr. Mike Holden
BLM

CAMPBELL, CARR, BERGE
& SHERIDAN, P.A.
LAWYERS

MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
WILLIAM P. SLATTERY

PATRICIA A. MATTHEWS
MICHAEL H. FELDEWERT

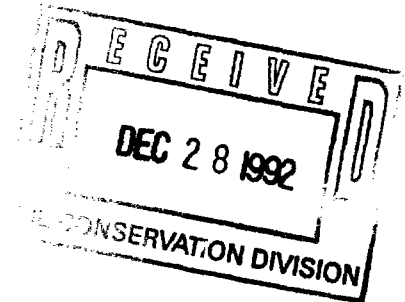
JACK M. CAMPBELL
OF COUNSEL

HAND-DELIVERED

December 28, 1992

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87503



Re: Case No. 10553:
Application of ARCO Oil and Gas Company for Statutory Unitization, Lea
County, New Mexico
Order No. R-9746

Dear Mr. LeMay:

By Order No. R-9746 the Division approved the application of ARCO Oil and Gas Company for statutory unitization of its proposed South Justis Unit. Pursuant to the provisions of that Order, ARCO has now obtained approval of seventy-five percent (75%) of the working interest and seventy-five percent (75%) of the royalty interest in the South Justis Unit Area. Accordingly, this statutory unitization and unit agreement will become effective on January 1, 1993 at 7:00 o'clock a.m. Mountain Standard Time. Enclosed for your files are copies of the final approvals from the Bureau of Land Management, the Commissioner of Public Lands and ratifications from working and royalty interest owners in the proposed Unit Area.

Also enclosed is a Certificate of Effectiveness which we would appreciate you executing, having notarized, and returning to us so that we can make this unitization a matter of public record in the records of Lea County, New Mexico.

Your attention to this matter is appreciated.

Very truly yours,

WILLIAM F. CARR
WFC:mlh

Enclosures

cc: Mr. Ray Pyle
ARCO Oil and Gas Company

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Schedule "B"	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
FEDERAL LANDS								
1	SE/4 SW/4 Section 24, T-25-S, R-37-E, Lea County, New Mexico	40	LC-032650-A 7/20/35 HBP	United States - Bureau of Land Management	Schedule "B"	Texaco Expl. & Prod., Inc.	100.0000%	Texaco 100%
2	NW/4 NE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	40	LC032511-D 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Sun Expl. & Prod. Co. Lowell S. Dunn, Sr.	58.33400% 41.66600%	ARCO 100%
3	SW/4 NW/4, E/2 NW/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	120	LC032511-F 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	83.33300% 16.66700%	Meridian Oil Production, Inc. 100%
4	N/2 NE/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060941 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Hondo Oil & Gas Co.	100.0000%	ARCO 100%
5	S/2 SE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060942 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	ARCO Union Texas Pet. Corp. Texas Pacific Oil Co.	50.00000% 31.25000% 18.75000%	ARCO 81.250000% Caspian Oil, Inc. 18.750000%
						The Aurand Company Miriam B. Johnson Alice Robertson William E. Thomas, II	0.390600% 0.390600% 0.390600% 0.390600%	
						The Aurand Company Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership Alice N. Robertson William E. Thomas II William E. Thomas II	0.390625% 0.390625% 0.195300% 0.195300%	

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner		Lessee of Record	Overriding Royalty Owner		Working Interest Owner
				Percentage	United States - Bureau of Land Management		Percentage	William E. Thomas, II	
6	N/2 SE/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060943 11/1/35 HBP		United States - Bureau of Land Management	ARCO	100.00000%	0.390600%	ARCO
						Sliding Scale			
7	S/2 NE/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060944 11/1/35 HBP		United States - Bureau of Land Management	ARCO	100.00000%	0.390600%	ARCO
						Sliding Scale			
8	E/2 SW/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	80	NM01995 11/1/35 HBP		United States - Bureau of Land Management	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	83.33333% 16.66667%	0.227860% 0.227860% 0.227870% 0.683590% 0.683590% 1.562500%	Meridian Oil Production, Inc.
						Sliding Scale			
9	N/2 SE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	80	NM 0140977 11/1/35 HBP		United States - Bureau of Land Management	Union Texas Pet. Corp. Doyle Hartman Headington Minerals Inc.	62.500000% 25.000000% 12.500000%	0.683590% 0.683590% 0.683600% 1.025390% 1.025390% 0.390630% 0.390630% 0.390620% 0.390620%	Meridian Oil Production, Inc. ARCO Headington Minerals, Inc. Larry A. Nemyr, single James E. Burr & wife, La Vela F. Burr
						Sliding Scale			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Sliding Scale	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage		
10	S/2 SE/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	80	NM-14215 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Petroleum Sun Expl. & Prod. Co.	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Raliff Alice N. Robertson William E. Thomas II The Aurand Company Miriam B. Johnson Partnership	0.455730% 0.455730% 0.455730% 1.367190% 1.367190% 0.390630% 0.390630% 0.390620% 0.390620%	Meridian Oil Production, Inc. Caspian Oil, Inc.	83.33% 16.67%
11	NE/4 NE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	40	NM-14217 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Sun Operating Limited Partnership Union Texas Pet. Corp.	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	1.562500%	ARCO	100%
12	E/2, SE/4 NW/4, NE/4 SW/4 Section 24, T-25-S, R-37-E, Lea County, New Mexico	400	LC-032650-B 4/24/36 HBP	United States - Bureau of Land Management	Sliding Scale	Texaco Expl. & Prod., Inc.			Texaco	100%
13	NE/4 NE/4 Section 35, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 3,500 feet and 6,025 feet	40	LC-032510-B 7/29/37 HBP	United States - Bureau of Land Management	Sliding Scale	ARCO Amoco Production Co.	The Aurand Company Amoco Production Co. Miriam B. Johnson Alice B. Robertson William E. Thomas, II	0.390600% 3.437600% 0.390600% 0.390600% 0.390600%	ARCO	100.00%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Sliding Scale	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
14	SE/4 NE/4 Section 35, 1-25-S, R-37-E, Lea County, New Mexico	40	LC-032510-B 7/29/37 HBP	United States - Bureau of Land Management	Sliding Scale	Amoco Production Co. Meridian Oil Producers Sun Operating Ltd. Partnership	J. Steve Anderson III Carla Louise Austin Thomas W. Anderson Barbara Jeanne Ratliff Betty Lou Linehan William E. Thomas Alice N. Robertson The Aurand Company Mariam B. Johnson Partnership	Meridian Oil Production, Inc. Caspem Oil, Inc.
						50.00000% 41.66670% 08.33330%	0.227860% 0.227870% 0.227860% 0.683590% 0.683590% 0.390630% 0.390630% 0.390620% 0.390620%	91.666670% 8.333000%
15	NW/4 Section 13, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 4,000 feet and 6,100 feet	160	NM-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Petroleum Sun Operating Limited Partnership	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Jack Linehan & Betty Lou Linehan Barbara Jean Ratliff	Meridian Oil Production, Inc.
						83.33333% 16.66667%	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	100%
16	SE/4 SE/4, Section 23 SE/4 NE/4, Section 26, 1-25-S, R-37-E, Lea County, New Mexico	80	NM-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Petroleum Sun Expl. & Prod. Co.	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Ratliff	Meridian Oil Production, Inc. Headington Minerals, Inc.
						83.33333% 16.66667%	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	83.33% 16.67%
17	S/2 SW/4, N/2 SE/4 Section 25, 1-25-S, R-37-E, Lea County, New Mexico	160	NM-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Petroleum Sun Expl. & Prod. Co.	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Ratliff	Meridian Oil Production, Inc. Headington Minerals, Inc.
						83.33333% 16.66667%	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	83.33% 16.67%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Sliding Scale	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
18	NE/4 SW/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	LC-032579-C 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	Pacific Enterprises Oil Co. Marathon	ARCO Marathon 70.00% 30.00%
19	SW/4 SE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico, 4,898 feet to 7,212 feet	40	LC-032579-C 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	Pacific Enterprises Oil Co. Marathon	ARCO Marathon 100.00%
20	NW/4 SE/4, E/2 SE/4 Section 26, T-25-S, R-37-E, Lea County, New Mexico	120	LC-032579-E 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	Pacific Enterprises Oil Co. Marathon	ARCO Marathon 100.0000000%
21	S/2 SE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	80	LC-032579-E 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	Pacific Enterprises Oil Co. Marathon	ARCO Marathon 100.0000000%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
22	N/2 SE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060945 12/8/37 HBP	United States - Bureau of Land Management	ARCO Schedule "B"	100.00000%	100%
						Diane Rene Stewart Board of Trustees of the Leland Stanford Junior University Soletha Isaacson Reuel A. Young Nancy Chandler Cathie F. Simonieg Pacific Enterprises Oil Co. Pacific Enterprises Oil Co. J. Ruel Armstrong L. E. Armstrong, Jr. Joan Bowen Harmer Joan Bowen Harmer Pauson Oil Company Pauson Oil Company Anna May Rasmussen Anna May Rasmussen Marathon Oil Company	0.171400% 0.116100% 0.113600% 0.113599% 0.113601% 0.116100% 2.766260% 0.085540% 0.340800% 0.340800% 0.500000% 0.250000% 0.335000% 0.165000% 0.500000% 0.250000% 1.222200%
23	N/2 SW/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060946 12/8/37 HBP	United States - Bureau of Land Management	ARCO Sliding Scale	100.00000%	100%
24	W/2 NE/4 Section 26, T-25-S, R-37-E, Lea County, New Mexico	80	NM-05254 12/8/37 HBP	United States - Bureau of Land Management	Meridian Oil Production Inc. Sliding Scale	100.00000%	50.000000% 49.218750% 0.781250%
						ARCO Meridian Oil Production, Inc. Larry A. Nemyr	ARCO Meridian Oil Production, Inc. Larry A. Nemyr

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Page 7

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
						c/o Lupron Enterprises Inc.	0.007810%
						Julie Ann Lupton	
						c/o World Savings & Loan	0.007810%
						Bradshaw Bobb Lupton	0.015620%
						Charles T. Lupton, Jr.	
						c/o Bank of America,	
						Arroyo Grande Branch	0.015630%
						Lawrence L. Pedley	0.005210%
						John C. Pedley	0.005210%
						David M. Pedley	0.005210%
						Marth L. Schneidewind	0.015630%
						Braille Institute of America	
						c/o Republic National Bank	
						Dallas, Agency #631-00	0.231470%
						Patricia Penrose Schieffer	
						Successor Trustee U/W/O	
						Neville G. Penrose	0.125000%
						c/o J. Thomas Schieffer	0.125000%
						Lucy O. Ross	
						John M. Loffland, Jr.	
						T. A. Pedley, Jr.	0.125000%
						c/o Thomas J. Hayes	0.015630%
						Effie E. Valentine	
						c/o United California Bank	0.007810%
						First Interstate Bank of	
						Denver NA, Account	
						No. 120003306	0.214840%
						First Interstate Bank Denver	
						Trustee of the Estate of	
						Charles T. Lupton	
28A W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insolvent as the Tubb/Drinkard formation only		80	NW-0349956 6/1/47 HBP	United States - Bureau of Land Management	12.500000%	Texaco Expl. & Prod. Inc.	100.0000%
						Texaco	100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
					a/c 03958-04-8	0.021870%	
					James M. Coll	0.014650%	
					Charles H. Coll	0.014650%	
					Max W. Coll II	0.014640%	
					Jon F. Coll	0.014650%	
					RepublicBank Dallas NA		
					Trustee U/W/O Selma E. Andrews, Trust #5188	0.268530%	
					Franz R. Lupton, Jr.		
					c/o Lupton Enterprises Inc.	0.007810%	
					Julie Ann Lupton		
					c/o World Savings & Loan	0.007810%	
					Bradshaw Babb Lupton	0.009380%	
					Charles T. Lupton, Jr.		
					c/o Bank of America,		
					Arroyo Grande Branch	0.015630%	
					Lawrence L. Pedley	0.005210%	
					John C. Pedley	0.005210%	
					David M. Pedley	0.005210%	
					Braille Institute of America		
					c/o Republic National Bank		
					Dallas, Agency #631-00	0.231470%	
					Patricia Penrose Schieffer		
					Successor Trustee U/W/O		
					Neville G. Penrose	0.125000%	
					c/o J. Thomas Schieffer	0.125000%	
					Lucy O. Ross		
					Selma E. Andrews Trust	0.268500%	
					Blanche M. daly	0.125000%	
					Benjamin Ginsberg Est.	1.500000%	
29	W/2 W/2, Section 31 T-25-S, R-38-E Lea County, New Mexico	160	NM-0569 4/1/84 HBP	United States - Bureau of Land Management	Fina Oil & Chemical Co.		
				12.500000%	100.0000%		100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
30	S/2 NE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	80	NM 4355 4/1/56 HBP	United States - Bureau of Land Management	Doyle Hartman	100.0000%	98.437500%
				Sliding Scale			
						Marshall & Winston	0.125000%
						Rubie C. Bell	0.125000%
						Braille Institute of America	0.231500%
						Stanley W. Crosby, III	0.125000%
						George H. Elz, Sr.	0.125000%
						Elz Oil Properties	0.125000%
						The Aurand Company	0.390625%
						Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership	0.390625%
						Amoco Production Co.	4.687500%
						Alice N. Robertson	0.390625%
						William E. Thomas II	0.390625%
						Larry A. Nemyr, single	0.781250%
						James E. Burr & wife, Lo Veto F. Burr	0.781250%
TOTAL FEDERAL ACREAGE - 2,800.00				PERCENTAGE OF UNIT (SURFACE ACRES) - 52.24%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
STATE LANDS								
31	N/2 NE/4, SE/4 NE/4 Section 25, T-25-S, R-37-E Lea County, New Mexico	120	B-11478 9/11/44 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	ARCO	ARCO	100%
32	W/2 NW/4 Section 30, T-25-S, R-38-E Lea County, New Mexico	80	B9521-1 2/10/42 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	Texaco Expl & Prod Inc.	Texaco Inc.	100%
33	W/2 SW/4 Section 30, T-25-S, R-38-E Lea County, New Mexico	80	E-497-1 8/10/37 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	MW Petroleum Corp.	ARCO	100%
34	N/2 Section 36, T-25-S, R-37-E Lea County, New Mexico	320	B-229-1 9/10/31 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	CHEVRON USA	ARCO	100%
35	S/2 Section 36, T-25-S, R-37-E Lea County, New Mexico	320	B-228-1 9/10/31 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	CHEVRON USA	ARCO	100%
TOTAL STATE ACREAGE - 920.0				PERCENTAGE OF UNIT (SURFACE ACRES) - 17.16%				

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Production of Tract in Unit
PAIENED LANDS							
36	NW/4 NW/4 Section 11, T-25-S, R-37--E Lea County, New Mexico	40	HBP	Chevron USA Inc. Amoco Production Company Atlantic Richfield Company Theodocia G. Bales Warren J. Bales Charles T. Bales, Jr. James Henry Beary Elizabeth Beary Dudley Lucille Chism Bales Wilma Chism Lain Mary Helen Seaton Elinor C. Shaughnessy Amerada Hess Corporation Ellis Rudy Ritts Royalty Company Thomas G. Voss Judd Moore Marion U. & Donald B. Heard Mildred Smith Rawls Magabel Smith Rule Cassius L. Smith Rosa Lee Smith Johnson Katie Smith Hazelhurst Eva W. Graham Mary Smith Bowers Richard L. Cromartie, Jr. Jane Cromartie Williams T. L. Woolen	ARCO Petr. Products Co. Div. of Atlantic Richfield Co.	ARCO	100%
				0.067400%	0.612700%		
				1.004500%			
				0.032200%			
				0.104100%			
				0.059600%			
				0.029800%			
				0.020400%			
				0.020400%			
				0.097200%			
				0.067500%			
				0.669600%			
				0.015500%			
				1.339300%			
				0.015500%			
				0.644900%			
				0.223200%			
				0.041000%			
				0.139500%			
				0.008860%			
				0.008860%			
				0.009960%			
				0.009410%			
				0.008860%			
				0.008860%			
				0.007480%			
				0.010240%			
				0.008860%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Thomas J. Galbraith Char. Trl. Fst Intrst Bk Az, Suc Trste Fst Intrst Bk Ok, Agent Acct #49-8093-00-4			0.669600%			
37	NE/4 SW/4 Section 11, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Joe & Jessie Crump Fund Jessie B. Crump, David C. Blevins & Texas American Bank of Fort Worth, Trustees Texas Commerce Bank N. A. Agent & A//F for Mary Moran Fagan, Trust Sec. 63140 Jessie B. Crump Trust 1069 c/o NCNB Texas and J. B. Crump Eunice James Gray Hendrick Medical Center Stephen N. James J. Hiram Moore, Betty Jane Moore and Michael Harrison, Trustees Liberty Nat'l Bk & Trust Co. Charles Pfile, Trustee Trust #142836006 Betty Moran Rice John J. Moran Trust R. J. Moran & T. E. Swill, Trustees	Cathie Cone Avinshine Clifford Cone Donna Frost & Leon Binkley Personal Representatives Kathleen Cone Estate Tom R. Cone Kenneth G. Cone June D. Speight	Meridian Oil Production, Inc.	100%
				1.562500%	0.078130% 0.078130%		
				1.562500%	0.390600% 0.078130% 0.078130% 2.343740%		
				1.562500%			
				1.562500%			
				3.125000%			
				0.781250%			
				3.906250%			
				1.562500%			
				1.562500%			
				3.125000%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner		Working Interest Owner		Participation of Tract in Unit
				Percentage	Owner	Percentage	Owner	Percentage	Owner	
38	SE/4 SW/4 Section 11, T-25-S, R-37-E Lea County, New Mexico	40	HBP		First City Texas- Midland Trustee, Donna Cowden Mgmt. Trust A/C 30-1576-00 D. C. Trust, Marilyn Cone, Trustee James G. Bruton Virginia L Bruton c/o Portland Properties Elsie Lee Brown Trust, James G. Bruton & Virginia Bruton, Trustees	0.781250%				
				0.078130%						
				0.781250%						
				0.625000%						
				0.001563%						
				0.076039%	Laura R. Stuart		ARCO Oil and Gas	0.031250%	ARCO	82.50%
				0.076039%	Anne Stuart Marble				Estate of Kathleen Cone, Deceased	12.50%
				0.260430%	Desa L. Lee Laird				Kenneth Cone	2.50%
				0.062502%	Maurine Johnson, Trustee John J. Redfern III				Clifford Cone	2.50%
				0.234374%	Ind. Executor of the Estate of John J. Redfern, Jr. Lillie M. Yates, Frank W. Yates and S. P. Yates, Personal Representatives O/E/O					
				0.219440%	Martin Yates III NCNB Texas National Bank Trustee of the Donald L. Jones Trust					
				0.260422%	NCNB Texas National Bank Trustee of the Lottie D. Jones Trust					
				0.260422%						

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessee of Record	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
STATE LANDS								
31	N/2 NE/4, SE/4 NE/4 Section 25, T-25-S, R-37-E Lea County, New Mexico	120	B-11478 9/11/44 HBP	Commissioner of Public Lands - State of New Mexico	ARCO	12.500000%	ARCO	100%
32	W/2 NW/4 Section 30, T-25-S, R-38-E Lea County, New Mexico	80	B9521-1 2/10/42 HBP	Commissioner of Public Lands - State of New Mexico	Texaco Expl & Prod Inc.	12.500000%	Texaco Inc.	100%
33	W/2 SW/4 Section 30, T-25-S, R-38-E Lea County, New Mexico	80	E-497-1 8/10/37 HBP	Commissioner of Public Lands - State of New Mexico	MW Petroleum Corp.	12.500000%	ARCO	100%
34	N/2 Section 36, T-25-S, R-37-E Lea County, New Mexico	320	B-229-1 9/10/31 HBP	Commissioner of Public Lands - State of New Mexico	CHEVRON USA	12.500000%	ARCO	100%
35	S/2 Section 36, T-25-S, R-37-E Lea County, New Mexico	320	B-228-1 9/10/31 HBP	Commissioner of Public Lands - State of New Mexico	CHEVRON USA	12.500000%	ARCO	100%
TOTAL STATE ACREAGE - 920.0 PERCENTAGE OF UNIT (SURFACE ACRES) - 17.16%								

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Production of Tract in Unit	
PATENTED LANDS								
36	NW/4 NW/4 Section 11, T-25-S, R-37--E Lea County, New Mexico	40	HBP	Chevron USA Inc. Amoco Production Company Atlantic Richfield Company Theodora G. Bales Warren J. Bales Charles T. Bales, Jr. James Henry Beatty Elizabeth Beatty Dudley Lucille Chism Bales Wilma Chism Linn Mary Helen Seaton Elinor C. Shoughnessy Amerada Hess Corporation Ellis Rudy Ritts Royalty Company Thomas G. Voss Judd Moore Marion U. & Donald B. Heard Mildred Smith Rawls Magabel Smith Rule Cassius L. Smith Rosa Lee Smith Johnson Katie Smith Hazelhurst Eva W. Graham Mary Smith Bowers Richard L. Cromartie, Jr. Jane Cromartie Williams T. L. Wooten	ARCO Petr. Products Co. Div. of Atlantic Richfield Co.	0.067400% 1.004500% 0.032200% 0.104100% 0.059600% 0.029800% 0.020400% 0.020400% 0.097200% 0.067500% 0.669600% 0.015500% 1.339300% 0.015500% 0.644900% 0.223200% 0.041000% 0.139500% 0.008860% 0.008860% 0.009960% 0.009410% 0.008860% 0.008860% 0.008860% 0.007480% 0.010240% 0.008860%	ARCO	100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Lillian Smith Ward			0.004430%			
	Betty S. Warren			0.001100%			
	Frank L. Smith			0.008860%			
	H. Winfield Smith, Jr.			0.008860%			
	Harry E. Smith			0.004430%			
	Harry Eldon Smith			0.000550%			
	Mary M. Smith			0.008860%			
	Maude S. Smith			0.008860%			
	R. P. Smith			0.009960%			
	Robert H. Smith			0.001100%			
	Dudley M. Smith			0.000550%			
	Phillip Julian Erickson			0.005170%			
	John Warren Erickson			0.005160%			
	Mary Elinor Erickson Knox			0.005170%			
	Don J. Robertson			0.223200%			
	Roma A. Sylfert			0.034730%			
	Rosalind Lielhold			0.002170%			
	William M. Dittmer, Sr.			0.002170%			
	John A. Dittmer			0.002170%			
	Albert Dittmer			0.002900%			
	Charles A. Burgess			0.034730%			
	Ellen E. Booker			0.002170%			
	Luella Boes Forwalder			0.011580%			
	Donald Woods			0.011580%			
	Helen Lee Voss Brander			0.111600%			
	F. Kieffer Voss			0.111600%			
	W. M. Riddle & Betty J. Riddle			0.004980%			
	Archie D. Smith & Clarabelle						
	Beals Trust dtd. 12-9-70						
	Archie D. Smith Jr, Trustee			0.644800%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Frances W. Scott			0.004430%			
	Estate of Catherine L. Dumarese						
	Betty Oldham Anc. Pers. Rep.			0.223200%			
	Sarah S. Smith			0.009960%			
	O. W. Skirvin Test Trust						
	American National Bank Co. Trustee			0.186000%			
	Sabine Royalty Trust						
	NCNB Texas National Bank Escrow Agent			0.574000%			
	The Normensen Investment Company			0.020900%			
	Richard A. Whittington			0.000270%			
	D. V. Thompson						
	c/o Richard A. Whittington			0.000280%			
	Petco Limited			0.334800%			
	Jeanette E. Clift Trust						
	Ameritrust Texas N A Trustee, Acct #4815011406			1.498700%			
	Josephine W. Lundy Res Trust						
	Third National Bank of Nashville, Trustee, Attn: Richard Gammel, c/o Trust Management Division			0.892900%			
	Texas Commerce Bank of San Angelo, Trustee, FBO W. V. Leftwich			0.149870%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Brenda Ronaldson			0.074930%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Texas Commerce Bank of San Angelo, Trustee, FBO Noel C. Warwick			0.074930%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Mary Joseph			0.074930%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Vernice Boyle			0.247290%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Dorothy Boyle			0.247290%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Olela Perkins Boyle Trust			0.209820%			
	Texas Commerce Bank of San Angelo, Trustee, FBO William C. Wright			0.209820%			
	Texas Commerce Bank of San Angelo, Trustee, FBO Robert G. Wright			0.209820%			
	Betty L. Amonte			0.004430%			
	Dorothy Habura Revocable Management Trust, Texas Commerce Bank of San Angelo, Trustee			0.074930%			
	John O. Boyle, Jr. Trust						
	Texas Commerce Bank of San Angelo, Trustee			0.247290%			
	Steven R. Fine			0.004980%			
	Kathleen F. Smith			0.008860%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Rosalind Redfern			0.234374%			
	Judy Stovall			0.468751%			
	Leon Binkley and Donna Frost as Personal Representatives of the Estate of Kathleen Cone			0.520833%			
	Wendall W. Iverson, as Trustee for the S.J.L. Jr., Trust			0.071129%			
	Wendall W. Iverson, as Trustee for the P.I.P. 1990 Trust			0.071129%			
	Wendall W. Iverson, as Trustee for the W.W.I. 1990 Trust			0.071129%			
	Charlotte H. Stuart			0.152082%			
	Patsy Ann Iverson Page			0.071134%			
	B. Broadrick			1.302080%			
	Wendall Welch Iverson			0.071133%			
	S. E. Cone, Jr.			0.694441%			
	B. B. Ginsberg			0.187502%			
	S. J. Iverson, Jr.			0.071133%			
	Marjorie Cone Kastman			0.694444%			
	Lovelace Foundation for Medical Education and Research			0.468751%			
	John A. Yates			0.437531%			
	Frank W. Yates, Jr., A/I/F for Lillie M. Yates			0.212944%			
	Estelle Andrews Menthop ARCO			1.302160%			
	Dorothy Stuart Bruno			0.312500%			
	Kenneth G. Cone			0.152082%			
	Clifford Cone			0.104168%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
39	W/2 NW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	80	HBP	Avril Stuart Dew J. H. Herd Katherine Adeline Cone Keck Phoebe Shellen Irene Stuart Small W. L. Stuart Ira J. Stuart D. C. Stuart John A. Stuart Garland Stuart Harvey E. Yates S. P. Yates Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna lone Hall, as Trustee of the Edna lone Hall Living Trust Fino Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line, Inc. C. W. Samuels Nationsbank of Texas, NA (as successor), Escrow Agent-Sabine Royalty Trust Atlantic Richfield Company	0.152082% 0.468751% 0.694444% 0.213400% 0.152082% 0.152082% 0.152082% 0.152082% 0.152082% 0.152082% 0.425886% 0.425886% 1.562500% 1.562500% 3.125000% 0.390625% 0.390625% 0.390625% 0.390625% 0.390625% 1.562500% 10.625000%	ARCO • Meridian Oil Production Inc	99.707031% 0.292969%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
39A	NE/4 NW/4, Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna lone Hall, as Trustee of the Edna lone Hall Living Trust Fina Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line, Inc. C. W. Samuels Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust Atlantic Richfield Company	1.562500% 1.562500% 3.125000% 0.390625% 0.390625% 0.390625% 0.390625% 0.390625% 1.562500% 10.625000%	ARCO • Meridian Oil Production Inc	99.707031% 0.292969%
39B	W/2 NW/4, NE/4 NW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,300 feet	120	HBP	Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna lone Hall, as Trustee of the Edna lone Hall Living Trust Fina Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line, Inc. C. W. Samuels	1.562500% 1.562500% 3.125000% 0.390625% 0.390625% 0.390625% 0.390625% 0.390625%	ARCO Meridian Oil Production, Inc.	75.000000% 25.000000%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
40	SE 1/4 NW 1/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico between the subsurface depths of 4,200 feet and 5,500 feet	40	HBP	Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust Atlantic Richfield Company 1.562500% 10.625000%	Atlantic Richfield Company 11.250000%	ARCO + Meridian Oil Production Inc 0.292969%	99.707031%
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna lone Hall, as Trustee of the Edna lone Hall Living Trust 1.562500%			
				Fina Oil and Chemical Company Lee M. Bass, Inc. 0.292969% Sid R. Bass, Inc. 0.292969% Keystone, Inc. 0.292969% Thru Line, Inc. 0.292968% C. W. Samuels 0.390625%			
				Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust Atlantic Richfield Company 1.562500% 10.625000%			
40A	SE 1/4 NW 1/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,300 feet	40	HBP	Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna lone Hall, as Trustee of the Edna lone Hall Living Trust Fina Oil and Chemical Company 1.562500% 3.125000%	Atlantic Richfield Company 11.250000%	ARCO	100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
41	N/2 SW/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 6,250 feet	80	HBP	Lee M. Bass, Inc. 0.292969%			
				Sid R. Bass, Inc. 0.292969%			
				Keystone, Inc. 0.292969%			
				Thru Line, Inc. 0.292968%			
				C. W. Samuels 0.390625%			
				Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust 1.562500%			
				Atlantic Richfield Company 10.625000%			
						ARCO 45.312500%	
				Deltex Royalty Co., Inc. 0.878906%		Meridian Oil Production Inc. 15.380859%	
				Way Enterprises, Inc. 0.878906%		Lee M. Bass, Inc. 2.343750%	
				Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder 0.781250%		Sid R. Bass Inc. 2.343750%	
				Beverly Anne Carter 0.878906%		Keystone Inc. 2.343750%	
				Joyce Ann Brown 0.585938%		Thru Line Inc. 2.343750%	
				B.A. Christmas, Jr. 0.292969%		H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd 8.750000%	
				Bradford Ace Christmas 0.073242%		First National Bank of Fl. Worth, Trustee 5.625000%	
				Mary T. Christmas Holladay 0.073242%		ORXX Energy Company 4.687500%	
				Candy Christmas 0.073242%		Mooers Oil Corporation 4.375000%	
				Helen Jane Christmas Barbry Heirs or devisees of Alma Pearl Eaton Hughes Matkins, Deceased 1.562500%		Deltex Royalty Company, Inc. 3.125000%	
				First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand 0.219727%		Way Enterprises, Inc. 3.125000%	
						* Meridian Oil Production Inc 0.244141%	

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Percentage	Participation of Tract in Unit
	First NLI Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand			0.219727%			
	First NLI Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan			0.219726%			
	First NLI Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan			0.219727%			
	Sid R. Boss, Inc. Keystone, Inc. Thru Line			0.292969%			
	Lee M. Boss Moors Oil Corporation			0.292969%			
	Alma E.H. Watkins			0.546875%			
	Rose Gann			1.562500%			
	Charlene Rogers Teambank, N.A.			0.390626%			
	Successor Trustee U/W/O Dolores Moors, Acct. #5976			0.390624%			
	NCNB Texas, Trustee of the Moors Trust, Trustee #1311 ARCO			1.093750%			
				0.703125%			
				3.125000%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet.	40	HBP	Sid R. Bass, Inc. Keystone, Inc. Thru Line Lee M. Bass Mooers Oil Corporation Alma E.H. Watkins Rose Conn Charlene Rogers Teambank, N.A. Successor Trustee U/W/O Dolores Mooers, Acct. #5976 NCHB Texas, Trustee of the Mooers Trust, Trustee #1311 ARCO First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan First Natl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand	0.292969% 0.292969% 0.292969% 0.292968% 0.546875% 1.562500% 0.390626% 0.390624% 1.093750% 0.703125% 3.125000% 0.219727% 0.219726% 0.219727%	ARCO Meridian Oil Production Inc. Lee M. Bass, Inc. Sid R. Bass Inc. Keystone Inc. Thru Line Inc. H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd First National Bank of Ft. Worth, Trustee ORYX Energy Company Mooers Oil Corporation Deltex Royalty Company, Inc. Way Enterprises, Inc. Meridian Oil Production Inc.	45.312500% 15.380859% 2.343750% 2.343750% 2.343750% 2.343750% 8.750000% 5.625000% 4.687500% 4.375000% 3.125000% 3.125000% 0.244141%

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	First Will. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Dellex Royalty Co., Inc. Way Enterprises, Inc. Thomas H. Law, Hamilton Rogers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter Ollie Gann Cowden Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barby Heirs or devisees of Alma Pearl Eaton Hughes Matkins, Deceased			0.219727% 0.878906% 0.878906% 0.781250% 0.878906% 0.781250% 0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 1.562500%			
42A	SW/4 SW/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	Sid R. Bass, Inc. Keystone, Inc. Thru Line Lee M. Bass Moors Oil Corporation Alma E.H. Matkins Rose Gann Charlene Rogers		ARCO Lee M. Bass, Inc. Sid R. Bass Inc. Keystone Inc. Thru Line Inc. H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Moors, Dec'd	60.693360% 2.343750% 2.343750% 2.343750% 2.343750% 8.750000%

TO UNIT AGREEMENT SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Teambank, N.A. Successor Trustee U/W/O Dolores Mooers, Acct. #5976 NCNB Texas, Trustee of the Mooers Trust, Trustee #1311 ARCO First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan First Natl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Deltex Royalty Co., Inc. Way Enterprises, Inc. Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			1.093750% 0.703125% 3.125000% 0.219727% 0.219726% 0.219727% 0.219727% 0.878906% 0.878906% 0.781250% 0.878906%		First National Bank of Ft. Worth, Trustee ORYX Energy Company Mooers Oil Corporation Deltex Royalty Company, Inc. Way Enterprises, Inc. Meridian Oil Production Inc.	5.625000% 4.687500% 4.375000% 3.125000% 3.125000% 0.244140%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
43	SE 1/4 SW 1/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 6,250 feet	40	HBP	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barbey Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased Sid R. Bass, Inc. Keystone, Inc. Thru Line Lee M. Bass Moers Oil Corporation Alma E.H. Watkins Rose Gann Charlene Rogers Teambank, N.A. Successor Trustee U/W/O Dolores Moers, Accl. #5976 NCNB Texas, Trustee of the Moers Trust, Trustee #1311 ARCO First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan	0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 1.562500% 0.292969% 0.292969% 0.292969% 0.292968% 0.546875% 1.562500% 0.390626% 0.390624% 1.093750% 0.703125% 3.125000% 0.219727%	ARCO Lee M. Bass, Inc. Sid R. Bass Inc. Keystone Inc. Thru Line Inc. H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Moers, Dec'd First National Bank of Fl. Worth, Trustee ORXX Energy Company Moers Oil Corporation Deltex Royalty Company, Inc Way Enterprises, Inc. Meridian Oil Production Inc.	60.693360% 2.343750% 2.343750% 2.343750% 2.343750% 8.750000% 5.625000% 4.687500% 4.375000% 3.125000% 3.125000% 0.244140%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of tract in Unit
	First NII. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand First NII. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Dellex Royalty Co., Inc. Way Enterprises, Inc. Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.219726%			
	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barbry Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased			0.219727%			
				0.219727%			
				0.878906%			
				0.878906%			
				0.781250%			
				0.878906%			
				0.585938%			
				0.292969%			
				0.073242%			
				0.073242%			
				0.073242%			
				1.562500%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
44	NW/4 SE/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,450 feet	40	HBP	<p>First NLI Bank of Lubbock Successor Trustee under the Last Wills and Testaments of J.E. Simmons and Beulah Simmons, Deceased</p> <p>0.878906%</p>		<p>ARCO</p> <p>32.812500%</p> <p>Lee M. Bass, Inc.</p> <p>2.343750%</p> <p>Sid R. Bass Inc.</p> <p>2.343750%</p> <p>Keystone Inc.</p> <p>2.343750%</p> <p>Thru Line Inc.</p> <p>2.343750%</p> <p>H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd</p> <p>8.750000%</p> <p>First National Bank of Fl. Worth, Trustee</p> <p>5.625000%</p> <p>ORXX Energy Company</p> <p>4.687500%</p> <p>Mooers Oil Corporation</p> <p>4.375000%</p> <p>Deilex Royally Company, Inc</p> <p>3.125000%</p> <p>Way Enterprises, Inc.</p> <p>3.125000%</p> <p>• Meridian Oil Production Inc</p> <p>0.439454%</p>	

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand First Mt. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Deltex Royalty Co., Inc Way Enterprises, Inc. Thomas H. Low, Hamilton Rogers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.219727%			
	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barb Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased William Riley Eaton Kathryn Pearl Gordon Marilyn Joan Craig Air Wanda Jean Stutzman Raymond Harrison Eaton Helen May Hamilton Daisey Elma Turner			0.219727% 0.878906% 0.878906% 0.781250% 0.878906% 0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 1.757813% 1.302083% 0.156250% 0.156250% 0.156250% 0.156250% 0.156250% 2.083333%			

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner	Working Interest Owner		Participation of Tract in Unit
				Percentage	Owner		Percentage	Owner	
44A	NW/4 SE/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, below 5,450 feet	40	HBP	Callie Eaton Pyeatt	0.260417%				
				Jennie Lois Eaton Hodges	0.195313%				
				William Henry Eaton	0.195313%				
				Charlie Treviño Eaton	0.195313%				
				Linzzy Hampie Eaton	0.195313%				
				Clarence Victor Eaton	0.195313%				
				Artie Mae Eaton Wilson	0.195313%				
				Charlie E. Eaton	0.195313%				
				Sid R. Bass, Inc.	0.292969%		ARCO	59.746796%	
				Keystone, Inc.	0.292969%		Lee M. Bass, Inc.	2.343750%	
Thru Line	0.292969%		Sid R. Bass Inc.	2.343750%					
Lee M. Bass	0.292968%		Keystone Inc.	2.343750%					
Moors Oil Corporation	0.546875%		Thru Line Inc.	2.343750%					
Alma E.H. Matkins	1.562500%		H.B. Fuqua, Trustee under the						
Rose Gann	0.390626%		Last Will and Testament of						
Charlene Rogers	0.390624%		Dolores Moors, Dec'd	8.750000%					
Teambank, N.A.			First National Bank of						
Successor Trustee U/W/O			Ft. Worth, Trustee	5.625000%					
Dolores Moors, Acct. #5976			Moors Oil Corporation	4.375000%					
NCNB Texas, Trustee of			Deltex Royally Company, Inc	3.125000%					
the Moors Trust,			Way Enterprises, Inc.	3.125000%					
Trustee #1311			First National Bank of						
ARCO			Lubbock, Successor						
First Natl. Bank of Lubbock			Trustee under the Last Will						
Successor Trustee of			Testament of J. E. Simmons,						
J.E. Simmons Trust A			and Beulah H. Simmons,						
F/B/O Jean			Deceased	3.125000%					
Shipley Sullivan			ORYX Energy Company	2.343750%					
				0.219727%					

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	First NII. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan			0.219726%			
	First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand			0.219727%			
	First NII. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Dellax Royalty Co., Inc. Way Enterprises, Inc.			0.219727% 0.878906% 0.878906%			
	Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.781250% 0.878906%			
	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas			0.585938% 0.292969% 0.073242% 0.073242% 0.073242%			
	Helen Jane Christmas Barby Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased			0.073242%			
	William Riley Eaton Kathryn Pearl Gordon Marilyn Joan Craig			1.562500% 1.302083% 0.156250% 0.156250%			
						Meridian Oil Production Inc.	0.439454%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
45	SW/4 SE/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	<p>Air Wanda Jean Stutzman Raymond Harrison Eaton Helen May Hamilton Daisey Elma Turner Collie Eaton Pyeatt Jennie Lois Eaton Hodges William Henry Eaton Charlie Trevier Eaton Linzy Hampie Eaton Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased Clarence Victor Eaton Arlie Mae Eaton Wilson Charlie E. Eaton</p> <p>0.156250% 0.156250% 0.156250% 2.083333% 0.260417% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313% 0.195313%</p>		<p>ARCO Meridian Oil Production, Inc. Lee M. Bass, Inc. Sid R. Bass Inc. Keystone Inc. Thru Line Inc. H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd First National Bank of Fl. Worth, Trustee ORXX Energy Company Mooers Oil Corporation Deltex Royalty Company, Inc.</p> <p>32.812500% 27.685547% 2.343750% 2.343750% 2.343750% 2.343750% 8.750000% 5.625000% 4.687500% 4.375000% 3.125000%</p>	
				<p>Sid R. Bass, Inc. Keystone, Inc. Thru Line Lee M. Bass Mooers Oil Corporation Alma E.H. Watkins Rose Gann Charlene Rogers Teambank, N.A. Successor Trustee U/W/O Dolores Mooers, Acct. #5976 MCNB Texas, Trustee of the Mooers Trust, Trustee #1311</p> <p>0.292969% 0.292969% 0.292969% 0.292968% 0.546875% 1.562500% 0.390626% 0.390624% 1.093750% 0.703125%</p>			

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

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EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Interest Owner Percentage	Participation of Tract in Unit
				Heirs or devisees of Alma Pearl Eaton Hughes Malkins, Deceased	1.562500%		
				William Riley Eaton	1.302083%		
				Kathryn Pearl Gordon	0.156250%		
				Marilyn Joan Craig	0.156250%		
				Air Wanda Jean Stulzman	0.156250%		
				Raymond Harrison Eaton	0.156250%		
				Helen May Hamilton	0.156250%		
				Daisy Emma Turner	2.083333%		
				Callie Eaton Pyeatt	0.260417%		
				Jennie Lois Eaton Hodges	0.195313%		
				William Henry Eaton	0.195313%		
				Charlie Trevor Eaton	0.195313%		
				Lizzy Hampie Eaton	0.195313%		
				Heirs or devisees of Alma Pearl Eaton Hughes Malkins, Deceased	0.195313%		
				Clarence Victor Eaton	0.195313%		
				Artie Mae Eaton Wilson	0.195313%		
				Charlie E. Eaton	0.195313%		
45A	SW/4 SE/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,352 feet	40	HBP	Sid R. Bass, Inc. Keystone, Inc. Thru Line Lee M. Bass Moors Oil Corporation Alma E.H. Malkins Rose Gann Charlene Rogers	0.292969% 0.292969% 0.292969% 0.292968% 0.546875% 1.562500% 0.390626% 0.390624%	ARCO Meridian Oil Corporation, Inc Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone Inc. Thru Line Inc. H.B. Fuqua, et al under the Last Will and Testament of	32.812500% 27.685547% 2.343750% 2.343750% 2.343750% 2.343750% 2.343750%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LLA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner		Working Interest Owner		Participation of Inct in Unit
				Percentage	Owner	Percentage	Owner	Percentage	Owner	
	Teambank, N.A. Successor Trustee U/W/O Dolores Mooers, Acct. #5976 NCNB Texas, Trustee of the Mooers Trust, Trustee #1311 ARCO First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan First Natl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand First Natl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Dellex Royally Co., Inc. Way Enterprises, Inc. Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			1.093750%				Dolores Mooers, Dec'd First National Bank of Ft. Worth, Trustee DRYX Energy Company Mooers Oil Corporation Dellex Royally Company, Inc. Way Enterprises, Inc. • Meridian Oil Production Inc	8.750000% 5.625000% 4.687500% 4.375000% 3.125000% 3.125000% 0.439453%	
				0.703125%						
				3.125000%						
				0.219727%						
				0.219726%						
				0.219727%						
				0.219727%						
				0.878906%						
				0.878906%						
				0.781250%						
				0.878906%						

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner	Working Interest Owner	Participate in of Tract in Unit
				Percentage	Owner	Percentage	Percentage	
	Joyce Ann Brown			0.585938%				
	B.A. Christmas, Jr.			0.292969%				
	Bradford Ace Christmas			0.073242%				
	Mary T. Christmas Holladay			0.073242%				
	Candy Christmas			0.073242%				
	Helen Jane Christmas Barbey			0.073242%				
	Heirs or devisees of Alma							
	Pearl Eaton Hughes Watkins,							
	Deceased			1.562500%				
	William Riley Eaton			1.302083%				
	Kathryn Pearl Gordon			0.156250%				
	Marilyn Joan Craig			0.156250%				
	Air Wanda Jean Stutzman			0.156250%				
	Raymond Harrison Eaton			0.156250%				
	Helen May Hamilton			0.156250%				
	Daisey Elma Turner			2.083333%				
	Collie Eaton Pyeatt			0.260417%				
	Jennie Lois Eaton Hodges			0.195313%				
	William Henry Eaton			0.195313%				
	Charlie Trevor Eaton			0.195313%				
	Linzzy Hampie Eaton			0.195313%				
	Heirs or devisees of Alma							
	Pearl Eaton Hughes Watkins,							
	Deceased			0.195313%				
	Clarence Victor Eaton			0.195313%				
	Artie Mae Eaton Wilson			0.195313%				
	Charlie E. Eaton			0.195313%				

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
46	NE/4 NW/4 Section 14, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Laura R. Stuart Anne Stuart Marble Desa L. Lee Laird Maurine Johnson, Trustee John J. Redfern III Ind. Executor of the Estate of John J. Redfern, Jr. Lillie M. Yates, Frank W. Yates and S. P. Yates, Personal Representatives O/E/O Martin Yates III NCNB Texas National Bank Trustee of the Donald L. Jones Trust NCNB Texas National Bank Trustee of the Lattie D. Jones Trust Rosalind Redfern Judy Stovall Leon Binkley and Donna Frost as Personal Representatives of the Estate of Kathleen Cone Wendall W. Iverson, as Trustee for the S.J.L. Jr., Trust Wendall W. Iverson, as Trustee for the P.J.P. 1990 Trust Wendall W. Iverson, as Trustee for the W.W.I. 1990 Trust Charlotte H. Stuart Patsy Ann Iverson Page	0.076039% 0.076039% 0.260430% 0.062502% 0.234374% 0.219440% 0.260422% 0.234374% 0.468751% 0.520833% 0.071129% 0.071129% 0.071129% 0.152082% 0.071134%	ARCO	100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	B. Broadrick			1.302080%			
	Wendall Welch Iverson			0.071133%			
	S. E. Cone, Jr.			0.694441%			
	B. B. Ginsberg			0.187502%			
	S. J. Iverson, Jr.			0.071133%			
	Marjorie Cone Kastman			0.694444%			
	Lovelace Foundation for Medical Education and Research			0.468751%			
	John A. Yates			0.437531%			
	Frank W. Yates, Jr., A//F for Lillie M. Yates			0.212944%			
	Estelle Andrews Melihop			1.302160%			
	ARCO			0.312500%			
	Dralha Stuart Bruno			0.152082%			
	Kenneth G. Cone			0.104168%			
	Clifford Cone			0.104168%			
	Avril Stuart Dew			0.152082%			
	J. H. Herd			0.468751%			
	Katherine Adeline Cone Keck			0.694444%			
	Phoebe Shelton			0.213400%			
	Irene Stuart Small			0.152082%			
	W. L. Stuart			0.152082%			
	Ira J. Stuart			0.152082%			
	D. C. Stuart			0.152082%			
	John A. Stuart			0.152082%			
	Garland Stuart			0.152082%			
	Harvey E. Yates			0.425886%			
	S. P. Yates			0.425886%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
47	S/2 Section 13, T-25-S, R-37-E, Lea County, New Mexico	320	HBP	Leon G. Byerly M. L. Davis Oil Trust First Interstate Bank of Oklahoma, Successor Trustee Royaltb Holding Company James Henry Beary Elizabeth Beary Dudley Elliot Oil Company Audrey M. Curry Baker Gordon G. Lancaster c/o Fidelity USA Account #507-188093 Elinor C. Shaughnessy Amerada Hess Corporation Earle M. Simon Harry Levy Vevo K. Nelson Margaret R. Ellison C. S. Daley Joseph Nelson Ellis Rudy Ritts Royalty Company Bank of Oklahoma Tulsa NA Agent & Ally-in-Fact Joy Rene Pope Gaylene Ashcraft Beverly B. Nelson Judd Moore Marion U. & Donald B. Heard Mildred Smith Rawls Magabel Smith Rule	0.195300% 0.004900% 2.636700% 0.023900% 0.023900% 0.390700% 0.000200% 0.195300% 0.018100% 3.125000% 0.002400% 0.002400% 0.009800% 0.001200% 0.002500% 0.004900% 0.018100% 0.752300% 0.048900% 0.048800% 0.002400% 0.047700% 0.162700% 0.010300% 0.010300%	Chevron	100%

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Cassius L. Smith			0.011620%			
	Rosa Lee Smith Johnson			0.010990%			
	Katie Smith Hazelhurst			0.010330%			
	Eva W. Graham			0.010330%			
	Mary Smith Bowers			0.010330%			
	Richard L. Cromartie, Jr.			0.008720%			
	Jane Cromartie Williams			0.011950%			
	T. L. Wooten			0.010330%			
	Lillian Smith Ward			0.005170%			
	Betty S. Warren			0.001300%			
	Frances Woolen Scott			0.005170%			
	Frank L. Smith			0.010330%			
	H. Winfield Smith, Jr.			0.010330%			
	Harry E. Smith			0.005170%			
	Harry Eldon Smith			0.000650%			
	Mary M. Smith			0.010330%			
	Moude S. Smith			0.010330%			
	R. P. Smith			0.011620%			
	Robert H. Smith			0.001300%			
	Dudley M. Smith			0.000650%			
	Lena Ann Blake			0.001200%			
	Philip Julian Erickson			0.006040%			
	John Warren Erickson			0.006030%			
	Mary Elinor Erickson Knox			0.006030%			
	Mary A. Fasken			0.002400%			
	Roma A. Syfert			0.040500%			
	Rosalind Lethold			0.002530%			
	William M. Dittmer, Sr.			0.002530%			
	John A. Dittmer			0.002530%			
	Albert Dittmer			0.003380%			
	Charles A Burgess			0.040500%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Ellen E. Booker			0.002530%			
	Luella Boes Forwalder			0.013500%			
	Donald Woods						
	c/o Penny Roofing Company			0.013500%			
	Joe William Gray			0.097600%			
	W. M. Riddle & Betty J. Riddle			0.005810%			
	Archie D. Smith & Clarabelle						
	Beals Trust dtd 12-9-70						
	Archie D. Smith, Jr., Trustee			0.752300%			
	Sarah S. Smith			0.011620%			
	O. W. Skirvin Test Trust						
	American National Bank						
	Co Trustee			0.217000%			
	G. T. Blankenship			0.605500%			
	Texas American Bank,						
	Successor Trustee U/W/O						
	Dolores Moores, Acct #5976			0.989100%			
	NCHB Texas National Bank of						
	Fl. Worth, Trustee U/A of						
	the Canpey Hanger et al						
	Moores Trust			0.635850%			
	Richard A. Whittington			0.000330%			
	D. V. Thompson						
	c/o Richard A. Whittington			0.000320%			
	American State Bank and						
	Martha McEvoy Pope, Co-						
	Trustees of the Hattie C.						
	Williams Trust U/W dated						
	8-10-81			0.195300%			
	Betty L. Amonle			0.005170%			
	Beams Minerals Company			0.039200%			

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LEA COUNTY, NEW MEXICO

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EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Louella M. Kelly, Life Estate			0.113270%			
	James M. Morey and The Liberty N11 BK, Co-Trustees of the Onez Norman Rooney Testamentary Trust, Trust # 1143074008			0.292950%			
	Jimmy D. Morey and Mary M. Morey, Co-Trustees of the Jimmy D. Morey Revocable Trust			0.146475%			
	Marilyn M. Law and James B. Law, Co-Trustees of the Marilyn M. Law Revocable Trust			0.146475%			
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co. P.O. Box 2479			0.089840%			
	Leon Binkley & Donna Frost as Personal Rep.s of the Estate of Kathleen Cone			0.130212%			
	Amarillo N11 Bk as Trustee for Suda Willis Oles Revocable Trust			0.449200%			
	Emil Mosbacher Jr. "C" Acct. c/o R. Bruce Mosbacher			0.113300%			
				0.046900%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Emil Mosbacher Jr. "A" Acct. c/o R. Bruce Mosbacher			0.046800%			
	Emil Mosbacher Jr. "B" Acct. c/o R. Bruce Mosbacher			0.469000%			
	Jo Ann Seever Kanoly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.906360%			
	North Central Oil Corp. Southland Royalty Co.			0.585900%			
	Jo Ann Seever Trustee of the Trust created in the w/o James N. Seever S.E. Cone Jr.			1.093700%			
	Marjorie Cone Kastman Christine Toles Elliott Eunice Cone Gibson			1.562500%			
	Marybeth Toles Mangum Robert Mosbacher L Acct. J. Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust			0.022659%			
	Atlantic Richfield Company Cathie Auvenshine Stewart Bachman, Jr.			0.833330%			
	Kenneth G. Cone Clifford Cone Tom R. Cone			0.833330%			
	Allyne Kelly Fuller John H. Hendrix Corp.			0.156300%			
				0.065100%			
				0.065100%			
				0.046900%			
				0.065100%			
				0.781200%			
				0.089840%			
				0.101570%			
				0.089840%			
				0.089840%			
				0.089840%			
				0.037763%			
				0.260425%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Katherine Adeline Cone Keck			0.833340%			
	Robert Jackson Kelly, III			0.018887%			
	Phillip Lewis Lee			0.130200%			
	Randolph Palmer Lee			0.260400%			
	Edwin D. Lee			0.130200%			
	Robert Mosbacher A Ac			0.046900%			
	Robert Mosbacher T Ac			0.046900%			
	Robert Mosbacher K Ac			0.046900%			
	Ora Lee Nislar			0.195300%			
	American St. Bk. & Ora Lee Nislar Co-Trustees of the O.L. Nislar, Jr. Trust			0.097650%			
	American St. Bk & Ora Lee Nislar Co-Trustees of the Robert Nislar Trust			0.097650%			
	NCNB Texas NT Bk as Trustee U/W Paul S. Oles			0.113270%			
	Mary Beth Kelly Ping			0.018887%			
	Nina Jean SeEVERS Scott as Trustee under Trust Agreement executed by Nina Jean SeEVERS Scott as Grantor and Stewart Bachman Jr. as Trustee dated 7/27/1975.			0.113295%			
	Barbara Mosbacher B AC			0.046800%			
	Barbara Mosbacher C AC			0.046800%			
	Barbara Mosbacher S AC			0.046900%			
	Mary Louise Stringer			0.037763%			
	Headington Minerals			0.651042%			
	Phillip Lewis Lee			0.130208%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JISIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Randolph P. Lee			0.130208%			
	Edward David Lee			0.130208%			
	Mrs. E.A. Kelly			0.113281%			
	Kops Oil Co.			0.554681%			
	Jimmy Morey Revocable Trust, Jimmy D. Morey and Mary Morey, Trustees			0.146484%			
	Marilyn D. Low Revocable Trust, Marilyn Low and James B. Low, Trustees			0.146484%			
	A.L. Mangum			0.008138%			
	JMD Trust, A.L. Mangum, Trustee			0.008138%			
	SEM Trust, A.L. Mangum, Jr., Trustee			0.008138%			
	Lyeth Oil Trust			0.585938%			
	Ira L. Elliott			0.010851%			
	E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees			0.010851%			
	Toles-COM Ltd.			0.065104%			
	Katherine Cone Keck			0.833333%			
	Joan Brown Trust, American Sl Bk and Jerry N. Nislar, Trustee			0.039063%			
	Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sl Bk and Jerry Nislar, Co-Trustees			0.019531%			
	Joe S. Nislar Estate			0.078125%			
	Ora L. Nislar and American Sl Bk, Co-Trustees			0.039063%			

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

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EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Leon Binkley & Donna Frost as Personal Rep's of the Estate of Kathleen Cone			0.449200%			
	Amarillo N1/4 Bk as Trustee for Suda Willis Oles Revocable Trust			0.113300%			
	Emil Mosbacher Jr. "C" Acct. c/o R. Bruce Mosbacher			0.046900%			
	Emil Mosbacher Jr. "A" Acct. c/o R. Bruce Mosbacher			0.046800%			
	Emil Mosbacher Jr. "B" Acct. c/o R. Bruce Mosbacher			0.469000%			
	Jo Ann Seevers Kandy Trust Co. as Successor Corporate Trustee of the Lyell Oil Trust			0.906360%			
	North Central Oil Corp. Southland Royalty Co.			0.585900%			
	Jo Ann Seevers Trustee of the Trust created in the w/o James N. Seevers			1.093700%			
	S.E. Cone Jr. Marjorie Cone Kaslman Christine Toles Elliott			1.562500%			
	Emice Cone Gibson Marybeth Toles Mangum Robert Mosbacher L Acct.			0.072659%			
				0.833330%			
				0.833330%			
				0.065100%			
				0.156300%			
				0.065100%			
				0.046900%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	J. Penrod Toles and Solly Toles, Trustees of the			0.065100%			
	J. Penrod Toles Trust			0.781200%			
	Atlantic Richfield Company			0.089840%			
	Cathie Auvenshine			0.101570%			
	Stewart Bachman, Jr.			0.089840%			
	Kenneth G. Cone			0.089840%			
	Clifford Cone			0.089840%			
	Tom R. Cone			0.037763%			
	Allyne Kelly Fuller			0.260425%			
	John H. Hendrix Corp.			0.833340%			
	Katherine Adeline Cone Keck			0.018887%			
	Robert Jackson Kelly, III			0.130200%			
	Philip Lewis Lee			0.260400%			
	Randolph Palmer Lee			0.130200%			
	Edwin D. Lee			0.046900%			
	Robert Mosbacher A Ac			0.046900%			
	Robert Mosbacher T Ac			0.046900%			
	Robert Mosbacher K Ac			0.046900%			
	Ora Lee Nislar			0.195300%			
	American St. Bk. & Ora Lee Nislar Co-Trustees of the			0.097650%			
	O.L. Nislar, Jr. Trust						
	American St. Bk & Ora Lee Nislar Co-Trustees of the			0.097650%			
	Robert Nislar Trust						
	NCNB Texas NH Bk as Trustee U/W Paul S. Oles			0.113270%			
	Mary Beth Kelly Ping			0.018887%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Nina Jean SeEVERS Scott as Trustee under Trust Agreement executed by Nina Jean SeEVERS Scott as Grantor and Stewart Bachman Jr. as Trustee dated 7/27/1975.			0.113295%			
	Barbara Mosbacher B AC			0.046800%			
	Barbara Mosbacher C AC			0.046800%			
	Barbara Mosbacher S AC			0.046900%			
	Mary Louise Stringer			0.037763%			
	Headington Minerals			0.651042%			
	Phillip Lewis Lee			0.130208%			
	Randolph P. Lee			0.130208%			
	Edward David Lee			0.130208%			
	Mrs. E.A. Kelly			0.113281%			
	Kops Oil Co.			0.554681%			
	Jimmy Morey Revocable Trust, Jimmy D. Morey and Mary Morey, Trustees			0.146484%			
	Marilyn D. Law Revocable Trust, Marilyn Law and James B. Law, Trustees			0.146484%			
	A.L. Mangum			0.008138%			
	JMD Trust, A.L. Mangum, Trustee			0.008138%			
	SEM Trust, A.L. Mangum, Jr., Trustee			0.008138%			
	Lyeth Oil Trust			0.585938%			
	Ira L. Elliot			0.010851%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner	Working Interest Owner	Participation of Tract in Unit
				Percentage	Percentage		Percentage	
50	SE/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	HBP	E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees	0.010851%			
				Toles-COM Ltd.	0.065104%			
				Katherine Cone Keck	0.833333%			
				Joan Brown Trust, American Sl Bk and Jerry N. Nislar, Trustee	0.039063%			
				Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sla Sl Bk and Jerry Nislar, Co-Trustees	0.019531%			
				Joe S. Nislar Estate	0.078125%			
				Ora L. Nislar and American Sl Bk Co-Trustees	0.039063%			
				Sharon Antoinette Dumas	0.0520850%		ARCO	68.122793%
				Jerry N. Nislar	0.0039075%			
				Mildred Nislar	0.0078150%		Joe Mabree, marital status unknown	6.250000%
				Joan N. Brown	0.0039075%			
				Mark A. Hannifin	0.130213%		Headington Minerals, Inc.	5.555600%
				American State Bk and Martha McEvoy Pope, Co-Trustees of the				
				Hattie C. Williams Trust	0.781300%		Meridian Oil Production, Inc.	4.340250%
				Louella M. Kelly, Life Estate	0.113270%		+El Paso Production Co.	3.551100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	James M. Morey and The Liberty NIT BK, Co-Trustees of the Onez Norman Rooney Testamentary Trust, Trust # 1143074008 Jimmy D. Morey and Mary M. Morey, Co-Trustees of the Jimmy D. Morey Revocable Trust Marilyn M. Law and James B. Law, Co-Trustees of the Marilyn M. Law Revocable Trust			0.292950%		Betty Lou Linehan, separate property Barbara Lu Ratliff, separate property J. Steve Anderson, marital status unknown J. L. Burkhardt, marital status unknown Larry A. Nernyr, as his separate property James E. Burr and wife, LaVeta Burr	3.125000% 3.125000% 3.125000% 2.000000% 0.322103% 0.322102%
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co. P.O. Box 2479 Leon Binkley & Donna Frost as Personal Rep's of the Estate of Kathleen Cone			0.146475% 0.089840% 0.130212%			
	Amarillo NIT Bk as Trustee for Suda Willis Oles Revocable Trust Emil Mosbacher Jr. "C" Acct. c/o R. Bruce Mosbacher Emil Mosbacher Jr. "A" Acct. c/o R. Bruce Mosbacher			0.449200% 0.113300% 0.046900% 0.046800%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Emil Mosbacher Jr. "B" Acct. c/o R. Bruce Mosbacher			0.469000%			
	Jo Ann Seewers			0.906360%			
	Kanady Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%			
	North Central Oil Corp.			1.093700%			
	Southland Royalty Co.			1.562500%			
	Jo Ann Seewers Trustee of the Trust created in the w/o James N. Seewers			0.022659%			
	S.E. Cone Jr.			0.833330%			
	Marjorie Cone Kastman			0.833330%			
	Christine Toles Elliott			0.065100%			
	Eunice Cone Gibson			0.156300%			
	Marybeth Toles Mangum			0.065100%			
	Robert Mosbacher L Acct.			0.046900%			
	J. Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust			0.065100%			
	Atlantic Richfield Company			0.781200%			
	Cathie Auvenshine			0.099840%			
	Stewart Bachman, Jr.			0.101570%			
	Kenneth G. Cone			0.089840%			
	Clifford Cone			0.089840%			
	Tom R. Cone			0.089840%			
	Allyne Kelly Fuller			0.037763%			
	John H. Hendrix Corp.			0.260425%			
	Katherine Adeline Cone Keck			0.833340%			
	Robert Jackson Kelly, III			0.018887%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Phillip Lewis Lee			0.130200%			
	Randolph Palmer Lee			0.260400%			
	Edwin D. Lee			0.130200%			
	Robert Mosbacher A Ac			0.046900%			
	Robert Mosbacher T Ac			0.046900%			
	Robert Mosbacher K Ac			0.046900%			
	Ora Lee Nislar			0.195300%			
	American St. Bk. & Ora Lee Nislar Co—Trustees of the						
	O.L. Nislar, Jr. Trust			0.097650%			
	American St. Bk & Ora Lee Nislar Co—Trustees of the						
	Robert Nislar Trust			0.097650%			
	NCNB Texas Ntl Bk as Trustee U/W Paul S. Oles			0.113270%			
	Mary Beth Kelly Ping			0.018887%			
	Nina Jean SeEVERS Scott as Trustee under Trust Agreement executed by Nina Jean SeEVERS Scott as Grantor and Stewart Bachman Jr. as Trustee dated 7/27/1975.						
	Barbara Mosbacher B AC			0.113295%			
	Barbara Mosbacher C AC			0.046800%			
	Barbara Mosbacher S AC			0.046800%			
	Mary Louise Stringer			0.037763%			
	Headington Minerals			0.651042%			
	Phillip Lewis Lee			0.130208%			
	Randolph P. Lee			0.130208%			
	Edward David Lee			0.130208%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	Mrs. E.A. Kelly Kops Oil Co. Jimmy Morey Revocable Trust, Jimmy D. Morey and Mary Morey, Trustees Marilyn D. Law Revocable Trust, Marilyn Law and James B. Law, Trustees A.L. Mangum JMD Trust, A.L. Mangum, Trustee SEW Trust, A.L. Mangum, Jr., Trustee Lyeth Oil Trust Ira L. Elliot E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees Tales-COM Ltd. Katherine Cone Keck Joan Brown Trust, American St Bk and Jerry N. Nislar, Trustee Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American St Bk and Jerry Nislar, Co-Trustees Joe S. Nislar Estate Ora L. Nislar and American St Bk, Co-Trustees			0.113281% 0.554681% 0.146484% 0.146484% 0.008138% 0.008138% 0.008138% 0.565938% 0.010851% 0.010851% 0.065104% 0.833333% 0.039063% 0.019531% 0.078125% 0.039063%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
51	W/2 SW/4, NE/4 NE/4 Section 24, NW/4, SW/4 NE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	320	HBP	Ernie W. Turner 0.520710% Leck A. Jones 0.520710% Lara Alison Wimberley Trust 0.032550% Clay David Wimberley Trust 0.032550% Laura Healey Wimberley Trust 0.032560% Emily Ann Wimberley Trust 0.032550% Jesse Jameson Berg Trust 0.032550% Mary Megan Berg Trust 0.032550% Alice W. Nielson 0.58940% Leuie-Lane Wimberley Tisdall 2.604680% Lewis Woodrow Wimberley 1.041410% Benita Jean Birgmingham 0.781250%		ARCO 100%	
52	W/2 SW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico, below 5,000 feet	80	HBP	Lillian Bell 0.015700% Beatrice Bray Blackburn 0.019530% G. T. Blankenship 0.781250% J. O. Buffington 0.015700% Mollie Buffington Estate 0.036620% Pansy Weaver Administrator Texas State Treasurer F/A/O W. T. Buffington 0.015700% William W. Corlin 0.781250% John J. Christmann 0.024410% Michael B. Collins 0.097650% F. Ferrell Davis 0.097660% Paul L. Davis, Jr. 0.024410% Fairway Oil & Gas Company 0.468750% The Helner Company Jack Markham 0.024410%		Texaco 35.000000% Meridian Oil Production, Inc. (Operator) 21.093750% Caspen Oil Inc. 15.468750% Elliott Oil Co. 6.250000% ARCO 10.110300% Kathleen Cone 2.343750% J. R. Cone, et ux 2.343750% A. L. Cone Partnership 2.343750% Ann H. Taylor 0.772060% First Century Oil, Inc. 0.694850% Patricia Penrose Schieffer 0.501830% Douglas Cone 0.468750% Clifford Cone 0.468750% Thomas R. Cone 0.468750% Kenneth G. Cone 0.468750% Cathie Cone Auveshine 0.468750%	

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
	J. Hiram Moore, Betty Jane Moore and Michael Harrison Moore, Trustees United NM Trust Co. Trustee for Nevada Childrens Foundation Inc., Reno Cancer Center & Nevada TB & Health Association Charles B. Read Linda Robison Royally Holding Company Shriners Hospital for Crippled Children Eunice L. Smith c/o B. L. Reeves Joni Tyson Gertrude Olinger Tyson James M. Welborn NCNB Texas National Bank Trustee, Trust #1311 Dolores Moers Trust Team Bank Fort Worth Successor Trustee, Acct #5976 Ivan L. Hall Kathryn Everett Bray Trust Corp of Montana FBO Bessie L. Whelan Peter Bates Tyson Estate Joni Tyson Successor Ind. Executor			0.146480%		Charles B. Read Donaldson Brown Trust A/C	0.386030% 0.347430%
				0.292970%			
				0.146480%			
				0.015700%			
				2.343750%			
				0.097660%			
				0.015700%			
				0.048820%			
				0.097660%			
				0.024410%			
				0.820310%			
				1.276050%			
				0.015700%			
				0.019530%			
				0.058590%			
				0.048820%			

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner	Working Interest Owner	Participation of Tract in Unit
				Percentage				

ARCO	6.250000%							
Moores Oil Corporation	0.638020%							
ECS Petroleum Company	0.468750%							
Gladys R. Berry Loan								
Fund Trust	0.039060%							
L. E. Jones Mineral Co.	0.468750%							
John J. Redfern III	0.008140%							
Rosalind Redfern Grover	0.008130%							
Roberta Redfern Garst	0.008140%							
Corinne C. Hightower Trust								
James Vance Slaack, Trustee	0.260410%							
James Vance Cowan Trust								
Donald P. Lopshire	0.005230%							
Arthur E. Lopshire	0.005240%							
Loretta I. Horton	0.005230%							
J.H. Herd	0.244100%							
Roy G. Barlow Jr.	0.019530%							
Mark E. Hodge	0.019530%							
James Vance Cowan, Trustee	0.260420%							
Benjamin Scott Cowan Trust								
Jack Vance Cowan, Trustee	0.260420%							

53 SE/4 NW/4 Section 14,
T-25-S, R-37-E,
Lea County, New Mexico

40 unleased

ARCO

12.500000%

ARCO

100%

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
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TOTAL PATENTED ACREAGE - 1,640.0 PERCENTAGE OF UNIT (SURFACE ACRES) - 30.6%

RECAPITULATION

	Acres	Percentage
Federal	2,800.00	52.24%
State	920.00	17.16%
Patented	1,640.00	30.60%
TOTAL	5,360.00	100.00%

UNIT NAME: SOUTH JUSTIS UNIT
OPERATOR: ARCO OIL AND GAS COMPANY
COUNTY: LEA

DATE APPROVED	OCD ORDER NO.	CASE NO.	EFFECTIVE DATE	TOTAL ACREAGE	STATE	FEDERAL- INDIAN	FEE	SEG CLAUSE	TERM
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12-17-92			1/1/93	5,360.00	920.00	2,800.00	1,640.00	SEG. CLAUSE WILL EXTEND ALL LEASES SHARING IN PROD.	SO LONG AS
----------	--	--	--------	----------	--------	----------	----------	--	------------

CPL: 12/17/92
BLM: 12/23/92
OCD: CASE NO. 10553, ORDER NO. R-9746 - STATUTORY UNITIZATION
CASE NO. 10554, ORDER NO. R-9747 - WATERFLOOD PROJECT

UNIT AREA:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPH

Section 11: N $\frac{1}{2}$, SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$
Section 12: W $\frac{1}{2}$, NE $\frac{1}{2}$ SE $\frac{1}{4}$
Section 13: All
Section 14: E $\frac{1}{2}$, E $\frac{1}{2}$ W $\frac{1}{2}$
Section 23: E $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{2}$ SW $\frac{1}{4}$
Section 24 & 25: All
Section 26: NE $\frac{1}{4}$, NE $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{2}$ SE $\frac{1}{4}$
Section 35: E $\frac{1}{2}$ NE $\frac{1}{4}$
Section 36: All

TOWNSHIP 25 SOUTH, RANGE 38 EAST, NMPH

Section 19: W $\frac{1}{2}$ W $\frac{1}{2}$
Section 30: W $\frac{1}{2}$ W $\frac{1}{2}$
Section 31: W $\frac{1}{2}$ W $\frac{1}{2}$

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPH

Section 1: N $\frac{1}{2}$ NE $\frac{1}{4}$

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 13th day of November, 19 92.

APPROVED PURSUANT TO POWER OF ATTORNEY
SIGNED BY PATRICIA PENROSE SCHIEFFER, TRUSTEE
FOR THE PATRICIA PENROSE SCHIEFFER TESTAMENTARY
TRUST - TAX I.D. #79-6689512

Signature

BY J. Thomas Schieffer
Print Name J. THOMAS SCHIEFFER
ATTORNEY IN FACT AND AT LAW

THE STATE OF _____ §

COUNTY OF _____ §

The foregoing instrument was acknowledged before me this _____ day of _____, 1992, by _____.

My Commission Expires:

A Notary Public in the
State of _____
County of _____

ACKNOWLEDGEMENT

STATE OF TEXAS

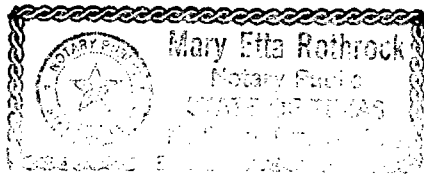
§

§

COUNTY OF TARRANT

§

THIS instrument was acknowledged before me on this 13th day of November 1992, by J. Thomas Schieffer, Attorney-in-fact for the Patricia Penrose Schieffer Testamentary Trust, Patricia Penrose Schieffer, Trustee.



Mary Etta Rothrock
Notary Public in and for the
State of Texas
Commission Expires: _____
Printed Name: _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 8th day of December, 19 92.

SOUTHLAND ROYALTY COMPANY

Signature *Dennis Sledge*

Signature Dennis Sledge Attorney-in-Fact

Dennis Sledge

Print Name

THE STATE OF Texas §

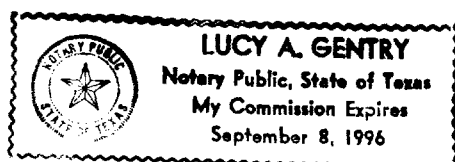
§

COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 8th day of December, 1992, by Dennis Sledge, Attorney-in-Fact of Southland Royalty Company, a Delaware Corporation.

My Commission Expires:

9-8-96



Lucy A. Gentry
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 8th day of December, 19 92.

SOUTHLAND ROYALTY COMPANY

Dennis Sledge
Signature Dennis Sledge, Attorney-in-Fact

Dennis Sledge

Print Name

THE STATE OF Texas §

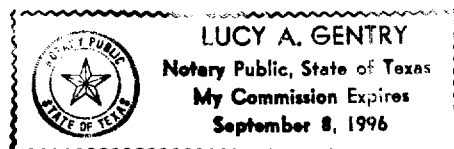
§

COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 8th day of December, 1992, by Dennis Sledge, Attorney-in-Fact of Southland Royalty Company, a Delaware Corporation.

My Commission Expires:

9-8-96



Lucy A. Gentry
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10th day of November, 1992.

ATTEST:

FOR SABINE ROYALTY TRUST, NATIONSBANK
OF TEXAS, N.A. (AS SUCCESSOR) TRUSTEE,
BY PACIFIC ENTERPRISES ABC
CORPORATION, IN EXERCISE OF ITS
EXECUTIVE RIGHTS

BY:

Jere G. Hayes
Jere G. Hayes
Assistant Secretary

BY:

H. James Gallagher
H. James Gallagher
Executive Vice President

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

On this 10th day of November, 1992, before me, Dorothy E. Jones, a Notary Public in and for the State and County aforementioned, personally appeared H. James Gallagher, known to me to be the person whose name is subscribed as Executive Vice President of Pacific Enterprises ABC Corporation, and acknowledged that he executed the same as the act of his principal for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.



Dorothy E. Jones
Notary Public In and For
Dallas County, Texas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 23rd day of November, 1992.

Mary Beth Kelly Ping
Signature

Mary Beth Kelly Ping
Print Name

THE STATE OF Texas §

COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 23 day of November, 1992, by Mary Beth Kelly Ping

My Commission Expires:

2/12/94

Betty L. Kueneth
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5 day of Nov., 1992.

Beatrice B. Blackburn by Joyce Hart P.C.H.
Signature

Beatrice B. Blackburn
Print Name

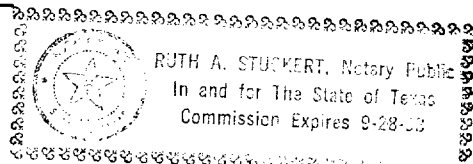
THE STATE OF Texas §

COUNTY OF Collin §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Ruth A. Stuckert.

My Commission Expires:

9-28-93



Ruth A. Stuckert
A Notary Public in the
State of Texas
County of Collin

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 29 day of October, 1992.

Rennie H. Westbrook V.P.
Signature

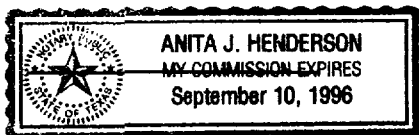
John H. Hendrix Corp
Print Name

THE STATE OF Texas §

COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 29th day of October, 1992, by Rennie H. Westbrook

My Commission Expires:



Anita J. Henderson
A Notary Public in the
State of _____
County of _____


**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of NOV, 19 92



Signature

Frantz R. Lupton, Jr.

Print Name

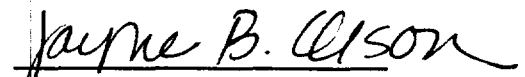
THE STATE OF Arizona §

COUNTY OF Maricopa §

The foregoing instrument was acknowledged before me this 3 day of NOV, 1992, by Frantz R. Lupton Jr.

My Commission Expires:

My Commission Expires March 29, 1994



Notary Public in the
State of Arizona
County of Maricopa

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 13th day of November, 19 92.
LYETH OIL TRUST

By: Deborah L. Master
Signature

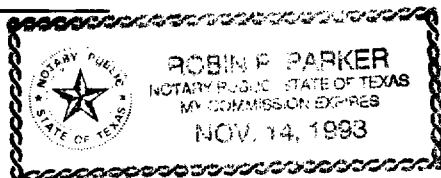
DEBORAH L. MASTER, Individual Co-Trustee
Print Name

THE STATE OF Texas §
 §
COUNTY OF HARRIS §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by Deborah L. Master

My Commission Expires:

11/14/93



Robin P. Parker
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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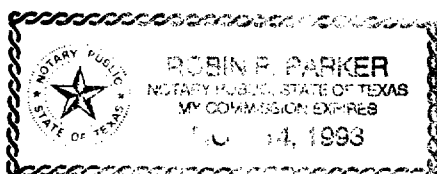
EXECUTED this 13th day of November, 1992.
LYETH OIL TRUST, KANALY TRUST COMPANY, Corporate Co-Trustee, and not
By: _____ otherwise
Signature
JEFFREY C. KANALY Executive Vice President
Print Name

THE STATE OF Texas §
§
COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by Jeffrey C. Kanaly

My Commission Expires:

11/14/93



Robin P. Parker
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2 day of November, 19 92.

Wilma Chism Lain
Signature

Wilma Chism Lain

Print Name

THE STATE OF Oklahoma §

COUNTY OF Pontotoc §

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Wilma Chism Lain.

My Commission Expires:

Nov. 15, 1992

Wesley J. Bates
A Notary Public in the
State of Oklahoma
County of Pontotoc

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3rd day of November, 19 92.

W. L. Stuart
Signature

WILBUR L. STUART
Print Name

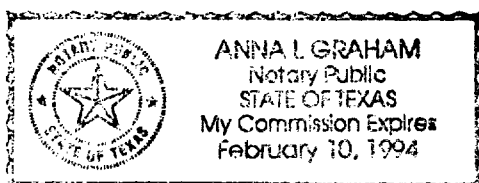
THE STATE OF TEXAS §

COUNTY OF LLANO §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by W. L. Stuart.

My Commission Expires:

2-10-94



Anna L. Graham

A Notary Public in the
State of Texas
County of Llano
Anna L. Graham

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 2 day of November, 19 92.

Warren J. Bates
Signature

Warren J. Bates

Print Name

THE STATE OF Oklahoma §

§

COUNTY OF Pontotoc §

§

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Warren J. Bates.

My Commission Expires:

7-31-94

John E. Thompson
A Notary Public in the
State of Oklahoma
County of Pontotoc

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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EXECUTED this 3rd day of November, 19 92.

G. Goss Yeager President
Signature

WAY Enterprises, Inc.
Print Name

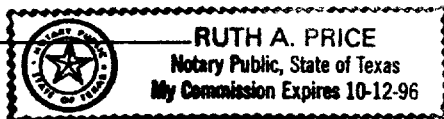
THE STATE OF TEXAS §

§

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by G. Goss Yeager.

My Commission Expires:



Ruth A. Price
A Notary Public in the
State of Texas
County of Midland,

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 2nd day of November, 1992.
AMERICAN NATIONAL BANK AND TRUST COMPANY OF SHAWNEE,
TRUSTEE, T/U/W O. W. SKIRVIN, DECEASED

Signature Ralph G. Spencer
RALPH G. SPENCER
SEN. V. P. AND TRUST OFFICER

Print Name

THE STATE OF OKLAHOMA §

§

COUNTY OF POTTAWATOMIE §

The foregoing instrument was acknowledged before me this 2nd day of
November, 1992, by Ralph G. Spencer.

My Commission Expires:

8-12-96

Mary Jeske
A Notary Public in the
State of Oklahoma
County of Pottawatomie

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of Oct, 1992.
[Signature]
Signature

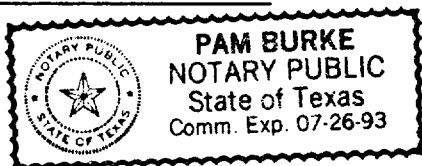
Wendell W. Iverson, Trustee of the W.W.I. 1990 Trust
Print Name

THE STATE OF TEXAS §
 §
COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 30th day of October, 1992, by Wendell W. Iverson, Trustee

My Commission Expires:

7/26/93



Pam Burke
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30 day of OCTOBER, 19 92.

William W. Carlin
Signature

WILLIAM W. CARLIN
Print Name

THE STATE OF NEW MEXICO §

§

COUNTY OF LEA §

The foregoing instrument was acknowledged before me this 30 day of OCTOBER, 1992, by _____.

My Commission Expires:

12-11-95

Angela Aguilera
A Notary Public in the
State of NEW MEXICO
County of LEA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 19 92.

MARSHALL & WINSTON, INC.

Signature

William S. Marshall

By:

Print Name William S. Marshall, President

ATTEST:

Robert H. Ritchie

By:

Robert H. Ritchie
Secretary-Treasurer

THE STATE OF TEXAS §

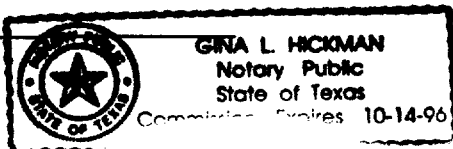
§

COUNTY OF Midland §

§

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by William S. Marshall, on behalf of Marshall & Winston, Inc., a corporation, on behalf of said corporation.

My Commission Expires:



Gina L. Hickman

A Notary Public in the
State of Texas

County of xxxxxx

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4th day of November, 19 92

William E Thomas II
Signature

William E THOMAS II
Print Name

THE STATE OF Colorado §

COUNTY OF Denver §

The foregoing instrument was acknowledged before me this 27th day of November, 1992, by William E Thomas II

My Commission Expires:

09/06/95

Christopher
A Notary Public in the
State of Colorado
County of Denver

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of November, 19 92.

Virginia L. Gorton
Signature

Virginia L. Gorton
Print Name

THE STATE OF Oregon §

COUNTY OF Multnomah §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by VIRGINIA L. GORTON.

My Commission Expires:

9/3/95



Blanche R. Grimes
A Notary Public in the
State of Oregon
County of Multnomah

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 16th day of November, 19 92.

Virginia L. Bruton
Signature

Virginia L. Bruton
Print Name

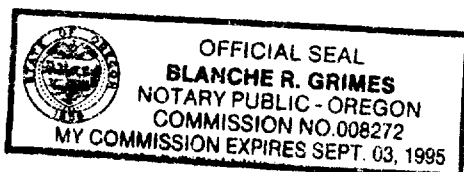
THE STATE OF Oregon §

COUNTY OF Multnomah §

The foregoing instrument was acknowledged before me this 16th day of November, 1992, by Virginia Bruton.

My Commission Expires:

9/3/95



Blanche R. Grimes
A Notary Public in the
State of Oregon
County of Multnomah

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of NOVEMBER, 19 92.

Thomas W. Anderson
Signature

THOMAS W. ANDERSON
Print Name

THE STATE OF Oklahoma §

COUNTY OF Oklahoma §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Thomas W. Anderson.

My Commission Expires:

October 30, 1996

Beverly A. Barnes
A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of November, 19 92.

Theodocia G. Bates
Signature

Theodocia G. Bates
Print Name

THE STATE OF Oklahoma §

COUNTY OF Pontotoc §

The foregoing instrument was acknowledged before me this 4 day of November, 1992, by Theodocia G. Bates.

My Commission Expires:

Nov. 15, 1992

Walter J. Bates
A Notary Public in the
State of Oklahoma
County of Pontotoc

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2 day of November, 1992.

Thomas G Voss
Signature

THOMAS G VOSS
Print Name

THE STATE OF INDIANA §

COUNTY OF JACKSON §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Joan Mangels.

My Commission Expires:

March 30, 1993

Joan Mangels
A Notary Public in the
State of Indiana
County of Jackson

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9th day of Nov., 19 92.

Signature

THE HEEVER COMPANY, BY W. JOHN HEEVER JR.
Print Name MANAGING PARTNER

THE STATE OF OKLAHOMA §

COUNTY OF OKLAHOMA §

The foregoing instrument was acknowledged before me this 9 day of NOVEMBER, 1992, by W. JOHN HEEVER JR.

My Commission Expires:

May 11, 1993

Annette J. Seffer
A Notary Public in the
State of OKLAHOMA
County of OKLAHOMA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of December, 19 92.

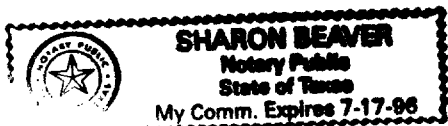
[Signature]
Signature

The New Mexico Company
Print Name

THE STATE OF TEXAS §
COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 3RD day of DECEMBER, 1992, by STEVEN L. BURLESON

My Commission Expires:
7-17-96



[Signature: Sharon Beaver]
A Notary Public in the
State of TEXAS
County of MIDLAND

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3RD day of November, 19 92.

Susan Lamb Griffith
Signature

Susan Lamb Griffith
Print Name

THE STATE OF Mississippi §
 §
COUNTY OF Hinds §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Susan Lamb Griffith

My Commission Expires:

My Commission Expires Oct. 19, 1994

Betty M. Keese
A Notary Public in the
State of Mississippi
County of Hinds

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 19 92.

S. E. Cone, Jr.
Signature

S. E. Cone, Jr.
Print Name

THE STATE OF Texas §

COUNTY OF Lubbock §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by S. E. Cone, Jr..

My Commission Expires:

09-27-94


Carolyn J. Covey
A Notary Public in the
State of Texas
County of Lubbock

A Notary Public in the
State of Mississippi
County of Franklin

Betty M Leese
A Notary Public in the
State of Mississippi
County of Harrison

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of Nov, 1992

Sharon Antoinette Dumas
Signature

SHARON ANTOINETTE DUMAS
Print Name

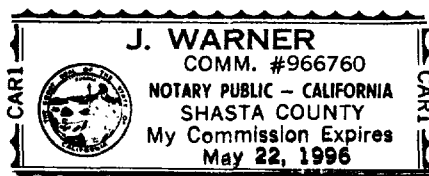
THE STATE OF Calif §

COUNTY OF Shasta §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Sharon Antoinette Dumas

My Commission Expires:

5/22/96



J. Warner
A Notary Public in the
State of CA
County of Shasta

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 11th day of Nov, 1992

Susan Mangum Johnson
Signature

Susan Mangum Johnson
Print Name

THE STATE OF Texas §

§

COUNTY OF Lubbock §

§

The foregoing instrument was acknowledged before me this 11th day of November, 1992, by _____.

My Commission Expires:

9/17/94



Charlotte Clements
A Notary Public in the
State of Texas
County of Lubbock

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 27th day of November, 19 92.

Susan Lamb Griffith, Executrix

Signature

Susan Lamb Griffith, Executrix
Estate of John Austin Rittenhouse

Print Name (Letters Testamentary previously furnished)

THE STATE OF Mississippi §

§

COUNTY OF Hinds §

§

The foregoing instrument was acknowledged before me this 27th day of November, 1992, by Susan Lamb Griffith, Executrix

My Commission Expires:

11-30-94

Emily B. Griffith
A Notary Public in the
State of Mississippi
County of Hinds

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30TH day of November, 1992.

Steven R. Fine
Signature

STEVEN R. FINE
Print Name

THE STATE OF OK. §

COUNTY OF TULSA §

The foregoing instrument was acknowledged before me this 30 day of November, 1992, by Mary Ann Sklet.

My Commission Expires:

1-23-96

MARY ANN SKLET
A Notary Public in the
State of OKLAHOMA
County of TULSA

MCH

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

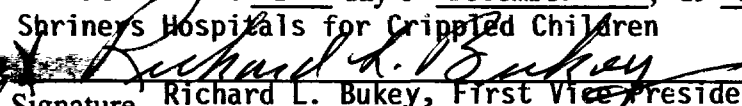
In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or 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.

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

EXECUTED this 1 day of December, 19 92.

Shriners Hospitals for Crippled Children


Signature Richard L. Bukey, First Vice President


Print Name Webber C. Harrington, Treasurer

THE STATE OF FLORIDA §

§

COUNTY OF HILLSBOROUGH §

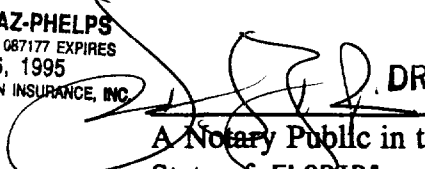
The foregoing instrument was acknowledged before me this 1 day of December, 1992, by Richard L. Bukey and Webber C. Harrington as First Vice President and Treasurer of Shriners Hospitals for Crippled Children, a Colorado corporation. No oath was taken.

My Commission Expires:

February 24, 1995



DRUCILA J. DIAZ-PHELPS
MY COMMISSION # CC 087177 EXPIRES
February 26, 1995
BONDED THRU TROY FAIN INSURANCE, INC.


DRUCILA J. DIAZ-PHELPS
A Notary Public in the
State of FLORIDA
County of HILLSBOROUGH

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of November, 19 92.
ROYALTY HOLDING COMPANY



Signature

Frank R. Fox, President

Print Name

THE STATE OF Oklahoma §

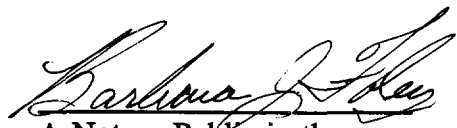
§

COUNTY OF Oklahoma §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Frank R. Fox, President of Royalty Holding Company

My Commission Expires:

October 24, 1996



A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 2nd day of November, 1992.

Rosa Lee Smith Johnson
Signature

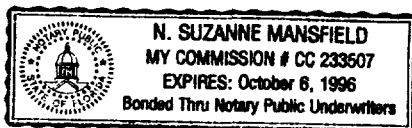
Rosa Lee Smith Johnson
Print Name

THE STATE OF Florida §

COUNTY OF Duval §

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Rosa Lee Smith Johnson

My Commission Expires:



N. Suzanne Mansfield
A Notary Public in the
State of Florida
County of Duval
FL DL J525-737-24-802


**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of November, 19 92.



Signature

Randolph Lee

Print Name

THE STATE OF California §

§

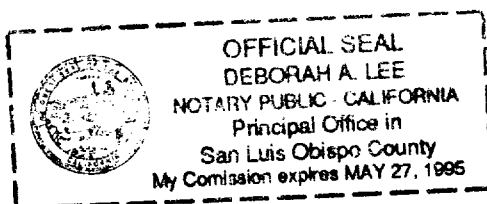
COUNTY OF San Luis Obispo §


§

The foregoing instrument was acknowledged before me this 4 day of November, 1992, by Randolph Lee.

My Commission Expires:

May 27, 1995





A Notary Public in the
State of California
County of San Luis Obispo

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5 day of November, 19 92

Richard L. Cromartie
Signature

RICHARD L. CROMARTIE
Print Name

THE STATE OF Fla §

COUNTY OF Ala §

The foregoing instrument was acknowledged before me this 5 day of November, 1992, by Martha Huffman

My Commission Expires:

Notary Public in and for the State of New Mexico
My Commission Expires on 12/31/92
Bonded for \$10,000.00

Martha Huffman
A Notary Public in the
State of Fla
County of Ala

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this ____ day of _____, 19 ____.

Rubie C. Bell

Signature

Rubie Crosby Bell, a married woman, dealing herein in her sole and separate estate.

Rubie C. Bell

Print Name

THE STATE OF Louisiana §

~~COUNTY OF~~ Orleans §
§

The foregoing instrument was acknowledged before me this 5 day of November, 1992, by Rubie C. Bell.

My Commission Expires:

at death

NOTARY PUBLIC
STATE OF LOUISIANA
COMMISSION EXPIRES
[unclear] [unclear]

John H. Wells

A Notary Public in the
State of Louisiana
County of Orleans
Wells

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30 day of OCT, 19 92.

Roy G. Barton, Jr.
Signature

Roy G. Barton, Jr.

Print Name

THE STATE OF NM §

§

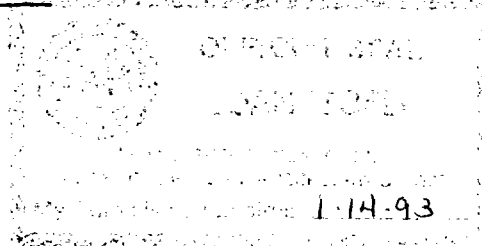
COUNTY OF LEA §

§

The foregoing instrument was acknowledged before me this 30 day of OCT, 1992, by Roy G. Barton, Jr.

My Commission Expires:

1-14-93



Joan Isbell
A Notary Public in the
State of New Mexico
County of Lea

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 1992.

Ronald K. DeFord

Signature

Ronald K. DeFord

Print Name

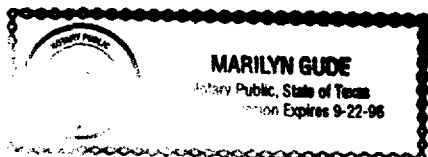
THE STATE OF Texas §

COUNTY OF Texas §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by RONALD K. DEFORD.

My Commission Expires:

9/22/96



Marilyn Gude
A Notary Public in the
State of Texas
County of Texas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9 day of Nov, 1992.

Robert H Smith

Signature

ROBERT H SMITH

Print Name

THE STATE OF S.C. §

§

COUNTY OF AIKEN §

The foregoing instrument was acknowledged before me this 9 day of November, 1992, by Robert H. Smith

My Commission Expires:

April 6, 1993

Sara Harper Hinton

A Notary Public in the

State of S.C.

County of Aiken

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of November, 1992.

Signature

ELLIS RUDY

Print Name

THE STATE OF TEXAS §

§

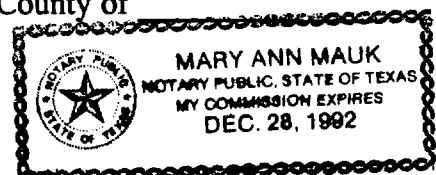
COUNTY OF HARRIS §

§

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by ELLIS Rudy.

My Commission Expires:

Mary Ann Mauk
A Notary Public in the
State of _____
County of _____



**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9 day of Nov, 1992.

Roma A Syfert
Signature

ROMA A Syfert
Print Name

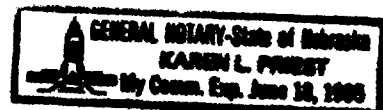
THE STATE OF NM §
COUNTY OF Santa Fe §

The foregoing instrument was acknowledged before me this 4th day of September, 1992, by Roma A Syfert

My Commission Expires:

6-18-95

Karen L. Priest
A Notary Public in the
State of NM
County of Santa Fe



**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10th day of NOV., 1992.

R. P. Smith
Signature

R. P. Smith
Print Name

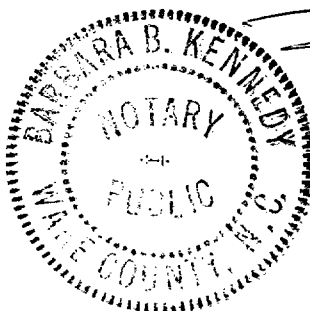
THE STATE OF NC §

COUNTY OF Wake §

The foregoing instrument was acknowledged before me this 10th day of Nov, 1992, by R P Smith.

My Commission Expires:

My Commission Expires 5-9-94



Barbara B. Kennedy
A Notary Public in the
State of NC
County of Wake

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of October, 19 92.

Phoebe J. Shelton
Signature

PHOEBE J. SHELTON

Print Name

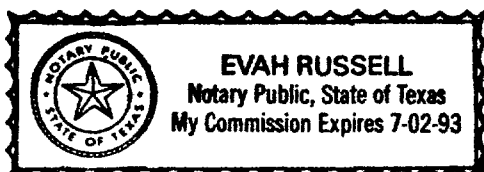
THE STATE OF TEXAS §

COUNTY OF POTTER §

The foregoing instrument was acknowledged before me this 30th day of October, 1992, by PHOEBE SHELTON.

My Commission Expires:

7-2-93



Evah Russell
A Notary Public in the
State of TEXAS
County of POTTER

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3th day of November, 1992.

Robert L Menist
Signature

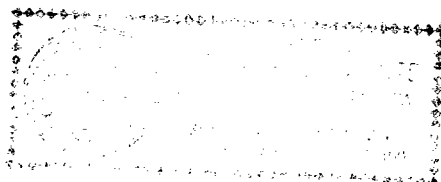
ROBERT L. MENIST
Print Name

THE STATE OF CALIFORNIA §
CITY & SAN FRANCISCO §
COUNTY OF SAN FRANCISCO §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by ROBERT L. MENIST.

My Commission Expires:

Aug. 20, 1995.



Georgia K Bregante
A Notary Public in the
State of California
County of San Francisco
GEORGIA K. BREGANTE

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 13th day of NOV., 1992.

x Phillip Lewis Lee
Signature

Phillip Lewis LEE
Print Name

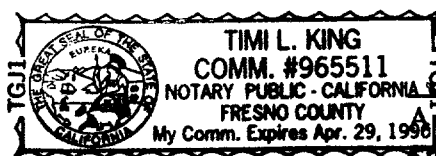
THE STATE OF Calif. §

COUNTY OF FRESNO §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by Phillip Lewis LEE.

My Commission Expires:

04-29-96



Timi L. King
Notary Public in the
State of CALIFORNIA
County of FRESNO

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 12th day of November, 19 92.

David H. Oldham
Signature

David H. Oldham, Independent Executor of
Print Name the Estate of Catherine Dumraese

THE STATE OF TEXAS §

§

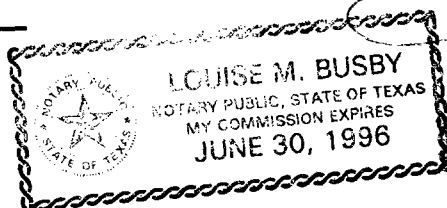
COUNTY OF HARRIS §

§

The foregoing instrument was acknowledged before me this 12th day of November, 1992, by David H. Oldham.

My Commission Expires:

June 30, 1996



Louise M. Busby
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 29th day of October, 19 92.

Allie M. Lee Trust, 11-1018 fbo Nevada Children's Foundation Inc;
Nevada TB & Health Assoc; & Reno Cancer Center,
BY: Sylvian E. Gillespie UNITED NEW MEXICO TRUST COMPANY TRUSTEE
Signature Sylvian E. Gillespie, VP & Sr. Trust Officer

ATTEST:

BY: Dixie D. Edwards

~~Print Name~~ Dixie D. Edwards, AVP & TO

THE STATE OF NEW MEXICO §

§

COUNTY OF CHAVES §

The foregoing instrument was acknowledged before me this 29th day of October, 1992, by Sylvian E. Gillespie, VP. & Sr. Trust Officer of United New Mexico Trust Company, a New Mexico corporation, on behalf of said corporation.

My Commission Expires:

April 2, 1995

Cynthia L. Green
Cynthia L. Green
A Notary Public in the
State of New Mexico
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 13th day of November, 1992.

Nina Jean Seever Scott, Trustee
Signature

NINA JEAN SEEVERS SCOTT TRUSTEE
Print Name

TAX ID 75-6238759

THE STATE OF TEXAS §

§

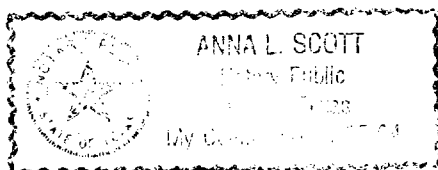
COUNTY OF NUECES §

§

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by NINA J. SCOTT.

My Commission Expires:

6-25-94



Anna L. Scott
A Notary Public in the
State of TEXAS
County of NUECES

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 9th day of Nov., 19 92

Nancy Lea Chandler
Signature

Nancy Lea Chandler
Print Name

THE STATE OF Okla §

COUNTY OF Okla §

The foregoing instrument was acknowledged before me this 9th day of November, 1992, by Nancy Lea Chandler

My Commission Expires:

8-17-94

Serena L. Wallace
A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3rd day of November 19 92. On 1 Sept, 1992 I wrote
a RCO stating my name as
Nancy Johns Kent (not Dent,
as written on Exhibit "B",
pg 7, item # 26. On Nov. 3,
1992 I spoke to Mr V.R. Lyle
of this error. Please get my
name corrected. NJK

Nancy Johns Kent
Signature

NANCY Johns KENT
Print Name

THE STATE OF Alabama §
§
COUNTY OF Montgomery §

The foregoing instrument was acknowledged before me this 3rd day of
November, 1992, by Nancy Johns Kent

My Commission Expires:
My Commission Expires
9-1-1996

Rosa Smith
A Notary Public in the
State of Alabama
County of Montgomery

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 5 day of November, 1992

Michael B. Collins
Signature

Michael B. Collins
Print Name

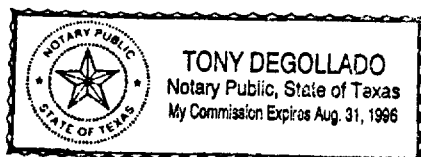
THE STATE OF TEXAS §

COUNTY OF TRAVIS §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Michael B. Collins

My Commission Expires:

8-31-96



Tony Degollado
A Notary Public in the
State of TEXAS
County of TRAVIS

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 3rd day of November, 19 92.

x Mildred Smith Rawls
Signature

x MILDRED Smith Rawls
Print Name

THE STATE OF N.C. §

COUNTY OF Wake §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Mildred Smith Rawls

My Commission Expires:

10/20/95

Leticia McIndey
A Notary Public in the
State of N.C.
County of Wake

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of November 19 92

Martha L. Schneidewind
Signature

MARTHA L. Schneidewind
Print Name

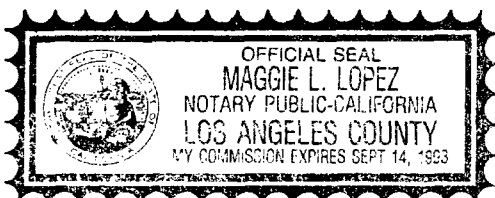
THE STATE OF CA §

COUNTY OF Los Angeles §

The foregoing instrument was acknowledged before me this 6 day of November, 1992, by Martha L. Schneidewind

My Commission Expires:

9-14-93



Maggie L. Lopez
A Notary Public in the
State of CA
County of Los Angeles

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 19 92

Mary L. Nommensen
Signature

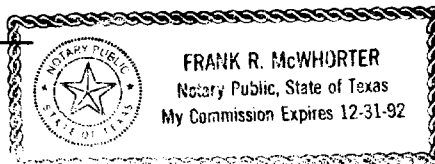
MARY L. NOMMENSEN - Partner
Print Name

THE STATE OF Texas §

COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Mary L. Nommensen

My Commission Expires:



Frank R. McWhorter
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 19 92.

Marjorie Cone Kastman
Signature

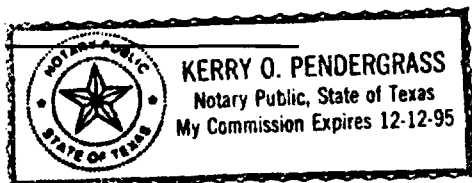
Marjorie Cone Kastman
Print Name

THE STATE OF TEXAS §

COUNTY OF LUBBOCK §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Marjorie Cone Kastman.

My Commission Expires:



Kerry O. Pendergrass
A Notary Public in the
State of TEXAS
County of LUBBOCK

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 19 92.

Maurine Johnston
Signature

MAURINE JOHNSTON
Print Name

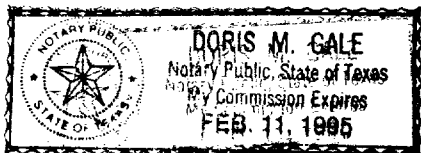
THE STATE OF Texas §

COUNTY OF LEA §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Maurine Johnston

My Commission Expires:

2-11-93



Doris M. Gale
A Notary Public in the
State of Texas
County of LEA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of Nov, 19 92

Margabel Smith Rule
Signature

Margabel Smith Rule
Print Name

THE STATE OF N.C. §

COUNTY OF WAKE §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Margabel Smith Rule.

My Commission Expires:

10/20/95

Lekie McKindry
A Notary Public in the
State of North Carolina
County of Wake

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 1992.

Signature

MAX W. COLL, II
Print Name

THE STATE OF New Mexico §
COUNTY OF Santa Fe §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Max Coll.

My Commission Expires:

April 21, 1996

Diana L. Vigil
A Notary Public in the
State of New Mexico
County of Santa Fe

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of October, 19 92.

By: 

Signature Michael A. Rodriguez, Trust Operations Officer
Gladys R. Berry Loan Fund Trust
Exchange National Bank and Trust Company, Trustee
Under the Will of Gladys R. Berry

Print Name

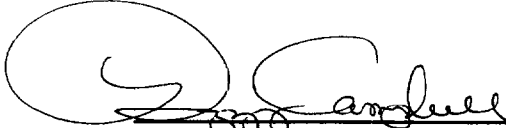
THE STATE OF Oklahoma §

COUNTY OF Carter §

The foregoing instrument was acknowledged before me this 30th day of October, 1992, by Michael A. Rodriguez.

My Commission Expires:

June 30, 1994


A Notary Public in the
State of Oklahoma
County of Carter

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9 day of Nov, 19 94.

Mary Moore Orr Smith

by Mary Frances Orr Gibbs EXEC ESTATE
Signature

MARY MOORE ORR SMITH

by MARY FRANCES ORR GIBBS EXEC ESTATE
Print Name

THE STATE OF South Carolina §

COUNTY OF Richland §

The foregoing instrument was acknowledged before me this 9th day of November, 1992, by Mary Frances Orr Gibbs

Wilma V. Murch

My Commission Expires:
MY COMMISSION
EXPIRES 5-6-2001

Wilma V. Murch
A Notary Public in the
State of South Carolina
County of Richland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10 day of Nov, 1992.

Martha J. Densmore
Signature

Martha J Densmore
Print Name

THE STATE OF Colorado §

§

COUNTY OF Garfield §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Martha J. Densmore.

My Commission Expires:

7/31/95

Patricia L. Harshbarger
A Notary Public in the
State of Colorado
County of Garfield

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10th day of November, 1992.

Mary Louise Stringer
Signature

MARY LOUISE STRINGER
Print Name

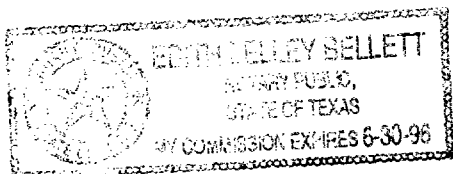
THE STATE OF Texas §

COUNTY OF Teller §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Mary Louise Stringer

My Commission Expires:

June 30, 1996



Edwin Zelley Bellett
A Notary Public in the
State of Texas
County of Teller

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 7th day of November, 19 92

Miriam B Johnson PARTNER
Signature

MIRIAM B. JOHNSON PARTNERSHIP
Print Name

THE STATE OF Colorado §
City of §
COUNTY OF Denver §

The foregoing instrument was acknowledged before me this 9 day of Nov, 1992, by Miriam B Johnson

My Commission Expires:

5-4-93

[Signature]
A Notary Public in the
State of Colo
City of County of Denver

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9th day of November, 19 92.

Miriam B. Johnson PARTNER
Signature

MIRIAM B. JOHNSON PARTNERSHIP
Print Name

THE STATE OF Colorado §
City of §
COUNTY OF Denver §

The foregoing instrument was acknowledged before me this 9 day of November, 1992, by Miriam B. Johnson.

My Commission Expires:

5-4-93

[Signature]
A Notary Public in the
State of Colorado
City of County of Denver

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2ND day of NOVEMBER, 1992.

Mary Helen Seeton
Signature

MARY HELEN SEETON
Print Name

THE STATE OF COLORADO §

COUNTY OF JEFFERSON §

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Kim Mitchem.

My Commission Expires:

My Commission Expires Oct. 5, 1996

Kimberly Amethe
A Notary Public in the
State of Colorado
County of Jefferson

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 12 day of NOV, 19 92

MARY T Christmas Holladay
Signature

MARY T CHRISTMAS HOLLADAY
Print Name

THE STATE OF Texas §

COUNTY OF Dallas §

The foregoing instrument was acknowledged before me this 12th day of November, 1992, by Mary T. Christmas Holladay.

My Commission Expires:

April 13, 1996

Donna K. Stevens
A Notary Public in the
State of Texas
County of Dallas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 13th day of Nov, 19 92.

Marybeth Toles Mangum
Signature

MARYBETH TOLES MANGUM
Print Name

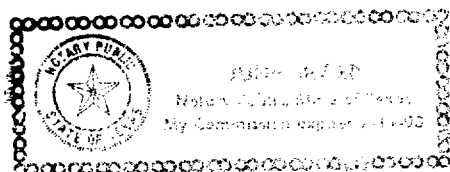
THE STATE OF TEXAS §

COUNTY OF Lubbock §

The foregoing instrument was acknowledged before me this 13th day of Nov, 1992, by JUNE SHARP.

My Commission Expires:

7-19-93



June Sharp
A Notary Public in the
State of TEXAS
County of Lubbock

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 23rd day of November, 1992.

Mary Beth Kelly Ping
Signature

Mary Beth Kelly Ping
Print Name

THE STATE OF Texas §
 §
COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 23 day of November, 1992, by Mary Beth Kelly Ping

My Commission Expires:

2/12/94

Beth L. Kuenstle
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 23rd day of November, 1992.

Mary Beth Kelly Ping
Signature

Mary Beth Kelly Ping
Print Name

THE STATE OF Texas §
COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 23 day of November, 1992, by Mary Beth Kelly Ping

My Commission Expires:

2/12/94

Betty A. Kuenstler
A Notary Public in the
State of Texas
County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of November, 19 92.

[Signature]

Signature

MARIA MOOERS

Print Name

THE STATE OF TEXAS §

COUNTY OF Harris §

The foregoing instrument was acknowledged before me this 30th day of November, 1992, by MARIA D. MOOERS.

My Commission Expires:

04/03/93

[Signature]

A Notary Public in the

State of TEXAS

County of Harris

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 1st day of December, 19 92

John D. Mosbacher
Signature

John David Mosbacher
Print Name

THE STATE OF New York §

COUNTY OF Rockland §

The foregoing instrument was acknowledged before me this 1st day of December, 1992, by John D. Mosbacher.

My Commission Expires:

7/31/94

Mary Ellen Dugan Tasch
A Notary Public in the
State of New York
County of Rockland

MADEIRA TASCH
Notary Public in the State of New York
No. 4757451-
Qualified in Rockland County
Commission Expires 7/31/94

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of November, 19 92.

Marilyn Joan Craig
Signature

Marilyn Joan Craig
Print Name

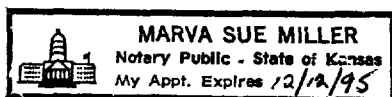
THE STATE OF KANSAS §

COUNTY OF SEWARD §

The foregoing instrument was acknowledged before me this 30th day of November, 1992, by Marilyn Joan Craig.

My Commission Expires:

December 12, 1995



Marva Sue Miller
A Notary Public in the
State of Kansas
County of Seward

27

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 2 day of November, 1992.

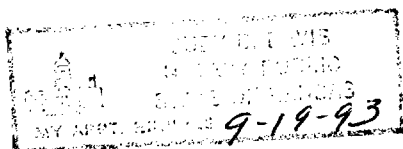
Luella Boes Forwarder
Signature

LUELLA BOES FORWARDER
Print Name

THE STATE OF Kansas §
 §
COUNTY OF Rice §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Luella Boes Forwarder

My Commission Expires:



Judy Blawie
A Notary Public in the
State of Kansas
County of Rice

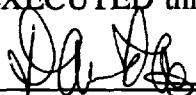
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of Nov., 1992.



Signature

David Wimberley

Print Name

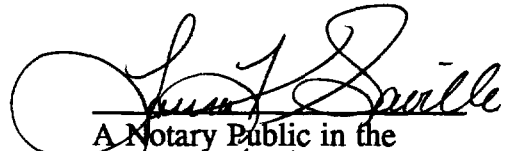
THE STATE OF Virginia §

COUNTY OF Frederick §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by David Wimberley.

My Commission Expires:

10-31-98
ew


A Notary Public in the
State of Virginia
County of Frederick

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of Nov, 1992.


Signature

Print Name

THE STATE OF KENTUCKY §

§

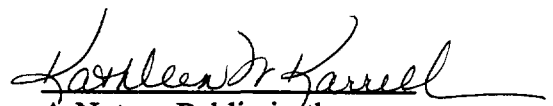
COUNTY OF JEFFERSON §

§

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Lawrence L. Pedley.

My Commission Expires:

June 5, 1995


A Notary Public in the
State of Kentucky
County of Jefferson

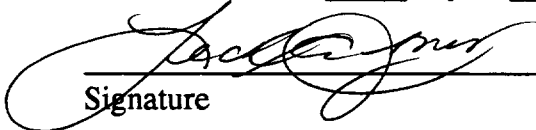
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30 day of October, 19 92.



Signature

Leck A. Jones

Print Name

THE STATE OF NEW MEXICO §

§

COUNTY OF CURRY §

§

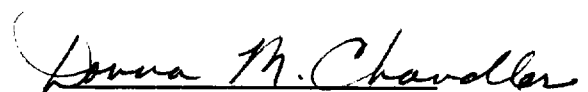
The foregoing instrument was acknowledged before me this 30th day of
October, 1992, by Leck A. Jones.

My Commission Expires:

1/25/96



OFFICIAL SEAL
Donna M. Chandler
NOTARY PUBLIC - NEW MEXICO
My Commission Expires 1-25-96



A Notary Public in the
State of New Mexico
County of Curry

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of Nov, 19 92.

Lillian S. Ward

Signature

LILLIAN S. WARD

Print Name

THE STATE OF NC §

COUNTY OF ROBESON §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Lillian S. Ward.

My Commission Expires:

2-11-96

Paula W. Mertz
A Notary Public in the
State of NC
County of ROBESON

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4th day of November, 19 92.

Linda Robison
Signature

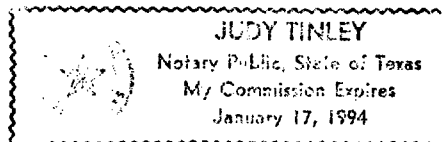
LINDA ROBISON
Print Name

THE STATE OF Texas §
COUNTY OF Ector §

The foregoing instrument was acknowledged before me this 4th day of November, 1992, by Linda Robison.

My Commission Expires:

1/17/94



Judy Tinley
A Notary Public in the
State of Texas
County of Ector

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10 day of November, 19 92.

Laura R. Stuart
Signature

Laura R. Stuart
Print Name

THE STATE OF NEW MEXICO §

§

COUNTY OF LUNA §

The foregoing instrument was acknowledged before me this 10 day of NOVEMBER, 1992, by Laura R. Stuart.

My Commission Expires:

JUNE 7, 1993

Robert Wheeler
A Notary Public in the
State of NEW MEXICO
County of LUNA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10th day of Nov., 19 92.

Louella M. Kelly
Signature

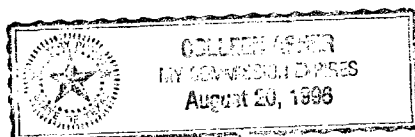
LOUELLA M. KELLY
Print Name

THE STATE OF Texas §

COUNTY OF Kendall §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Louella M. Kelly

My Commission Expires:



Colleen Asher
A Notary Public in the
State of Texas
County of Kendall

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 5th day of Nov, 1992.

Loretta I Horton
Signature

LORETTA I HORTON
Print Name

THE STATE OF NM §
COUNTY OF Searcy §

The foregoing instrument was acknowledged before me this 5 day of November, 1992, by Loretta I Horton

My Commission Expires:

3-1-93

Linda Bushee
A Notary Public in the
State of Oklahoma
County of Searcy

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of Nov, 1992

Lewie-Lane Tisdail
Signature

Lewie-Lane Tisdail
Print Name

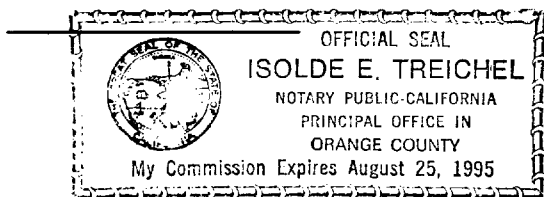
THE STATE OF California §

§

COUNTY OF Orange §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Lewie Lane Tisdail.

My Commission Expires:



Isolde E. Treichel
A Notary Public in the
State of California
County of Orange

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10 day of November, 19 92.

Leslie Riggs Mills
Signature

LESLIE RIGGS MILLS, TRUSTEE
Print Name

THE STATE OF Alaska §

COUNTY OF Anchorage §

The foregoing instrument was acknowledged before me this 10 day of November, 1992, by LESLIE RIGGS MILLS

My Commission Expires:

10/19/96

Jennifer McClure
A Notary Public in the
State of Alaska
County of ANCHORAGE

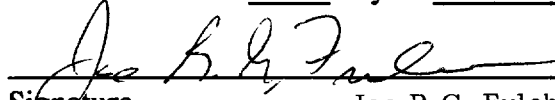
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 17th day of November, 19 92.



Signature Joe R.G. Fulcher, Vice President

Lovelace Medical Foundation formerly Lovelace Foundation for Medical Education and
Print Name Research

THE STATE OF New Mexico §


§

COUNTY OF Bernalillo §

The foregoing instrument was acknowledged before me this 17th day of
November, 1992, by Joe R.G. Fulcher.

My Commission Expires:

March 28, 1994



A Notary Public in the
State of New Mexico
County of Bernalillo

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of Nov, 19 92

Kathleen F. Smith
Signature

Kathleen F. Smith
Print Name

THE STATE OF Ind §

COUNTY OF Carroll §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by JOHN R. PERCY.

My Commission Expires:

April 1, 1994

John R. Percy
A Notary Public in the
State of Maryland
County of Carroll

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6 day of Nov, 19 92

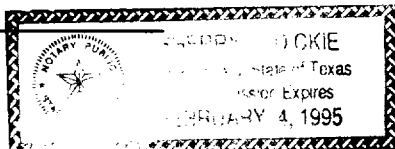
Mathura E. Bray
Signature

Mathura E. Bray
Print Name

THE STATE OF Lea §
COUNTY OF Dallas §

The foregoing instrument was acknowledged before me this 6 day of November, 1992, by Mathura E. Bray

My Commission Expires:



Shirley L. Dickie
A Notary Public in the
State of _____
County of _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 12th day of November, 1992.

Katherine Cone Keck
Signature Katherine Adelaide Cone Keck

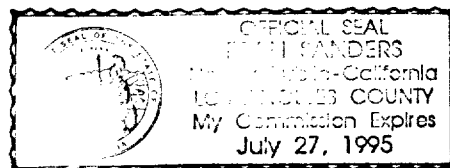
KATHERINE CONE KECK
Print Name

THE STATE OF CALIFORNIA §
 §
COUNTY OF LOS ANGELES §

The foregoing instrument was acknowledged before me this 12th day of November, 1992, by KATHERINE CONE KECK.

My Commission Expires:

7-27-95



Frank Sanders
A Notary Public in the
State of CALIFORNIA
County of LOS ANGELES

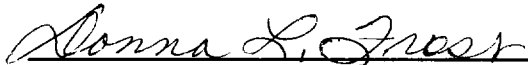
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 19th day of November, 19 92.



Signature Personal Representative

ESTATE OF KATHLEEN CONE

Print Name

THE STATE OF New Mexico §

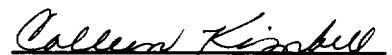
§

COUNTY OF Lea §

The foregoing instrument was acknowledged before me this 19th day of November, 1992, by Donna L. Frost.

My Commission Expires:

December 18, 1992



A Notary Public in the

State of New Mexico

County of Lea

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 6th day of November, 19 92.

Jane Cromartie Williams
Signature

JANE CROMARTIE WILLIAMS
Print Name

THE STATE OF N.C. §

COUNTY OF Sampson §

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by Jane Cromartie Williams.

My Commission Expires:

8-4-96

Frederick S. Mathis
A Notary Public in the
State of N.C.
County of Sampson

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 11 day of Nov, 19 92

John C. Pedley
Signature

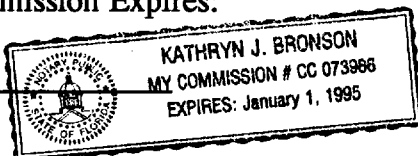
John C. PEDLEY
Print Name

THE STATE OF FLORIDA §

COUNTY OF SARASOTA §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by JOHN C. PEDLEY

My Commission Expires:



Kathryn J. Bronson
A Notary Public in the
State of FLORIDA
County of SARASOTA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 6th day of Nov., 1992.

James N. Coll
Signature

James N. Coll
Print Name

THE STATE OF NM §

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 6th day of Nov., 1992, by James Coll.

My Commission Expires:

9/20/93

Lo Ann Goutz
A Notary Public in the
State of NM
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of Nov., 19 92.



Signature

Jan F. Coll

Print Name

THE STATE OF NM §

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 6th day of Nov., 1992, by Jan F. Coll.

My Commission Expires:

9/20/93

Lo Ann Joutz
A Notary Public in the
State of NM
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

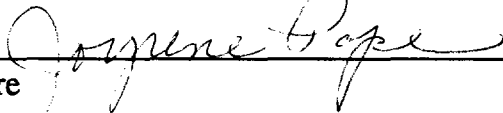
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This Ratification and Joinder of Unit Agreement shall be binding upon the undersigned, his, her or its heirs, devisees, executors, assigns or successors in interest.

EXECUTED this 3 day of November, 19 92.

Signature



Joyrene Pope

Print Name

THE STATE OF Texas §


§

COUNTY OF McCulloch §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Joyrene Pope.

My Commission Expires:

9/21/95


A Notary Public in the
State of Texas
County of McCulloch

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 19 92.

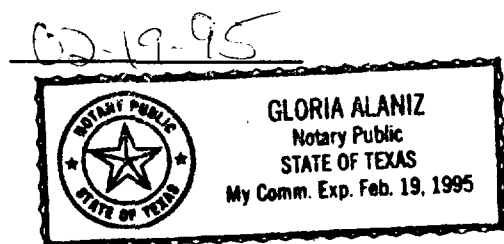
Jo Ann W. Seever
Signature

Jo Ann W. Seever
Print Name

THE STATE OF Texas §
 §
COUNTY OF Dwces §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Gloria Alaniz.

My Commission Expires:



Gloria Alaniz
A Notary Public in the
State of Texas
County of Dwces

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3rd day of November, 19 92.

J. Steve Anderson III
Signature

J. Steve Anderson, III
Print Name

THE STATE OF Oklahoma §

§

COUNTY OF Oklahoma §

§

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by J. Steve Anderson, III.

My Commission Expires:

October 30, 1996

Samuel A. Barnes
A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 1992.

Jo Ann W. Seever
Signature

JO ANN W. SEEVERS
Print Name

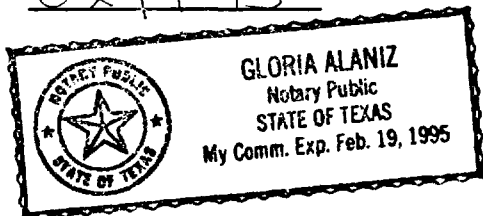
THE STATE OF TEXAS §

COUNTY OF MUECOS §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Gloria Alaniz.

My Commission Expires:

02-19-95



Gloria Alaniz
A Notary Public in the
State of TEXAS
County of MUECOS

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of NOVEMBER, 19 92.


Signature

JACK MARKHAM

Print Name

THE STATE OF TEXAS §

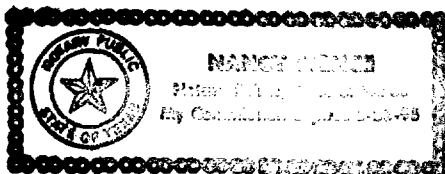
§

COUNTY OF LUBBOCK §

The foregoing instrument was acknowledged before me this 2nd day of NOVEMBER, 1992, by JACK MARKHAM.

My Commission Expires:

MAY 23, 1995




A Notary Public in the

State of TEXAS

County of LUBBOCK

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 12 day of NOV, 1992.

Signature

JOHN O. BOYLE, JR.

Print Name

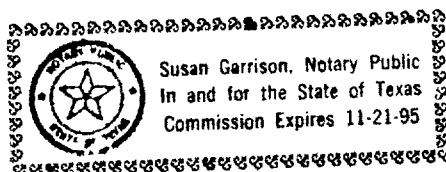
THE STATE OF TX §

COUNTY OF Dallas §

The foregoing instrument was acknowledged before me this 2nd day of Nov., 1992, by John O. Boyle, JR.

My Commission Expires:

11-21-95



Susan Garrison

A Notary Public in the
State of TX

County of Dallas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of NOV, 1992.

Joan N. Brown
Signature

JOAN N. BROWN
Print Name

THE STATE OF TEXAS §

§

COUNTY OF HOCKLEY §

§

The foregoing instrument was acknowledged before me this 4 day of
NOVEMBER, 1992, by JOAN N. BROWN.

My Commission Expires:

7-22-96



Karen Green
A Notary Public in the
State of TEXAS
County of HOCKLEY

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30th day of Oct., 19 92.

Jimmy D. Morey
Signature

Jimmy D. Morey
Print Name

THE STATE OF Okla. §

§

COUNTY OF Okla. §

§

The foregoing instrument was acknowledged before me this 30 day of October, 1992, by Fred N. Hicks.

My Commission Expires:

June 30, 1996

Fred N. Hicks
A Notary Public in the
State of Okla.
County of Okla.

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 29th day of October, 19 92.

Signature

J. H. Herd

J. H. HERD

Print Name

THE STATE OF TEXAS §

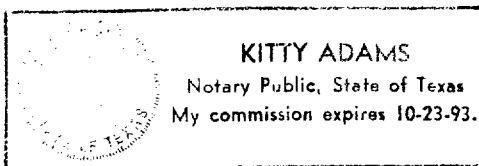
§

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 29th day of October, 1992, by J. H. Herd.

My Commission Expires:

10/23/93



Kitty Adams
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5 day of November, 19 92.

Judith Rittenhouse

Signature

Judith Rittenhouse

Print Name

THE STATE OF Arizona §

§

COUNTY OF Maricopa §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Judith Rittenhouse

My Commission Expires:

My Commission Expires Nov. 7, 1995

Carolyn A. Peck

A Notary Public in the

State of Arizona

County of Maricopa

Carol Gray
A Notary Public in the
State of California
County of Merced

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of November, 19 92

Signature

J. M. Welborn

Print Name

J. M. WELBORN

THE STATE OF TEXAS §

§

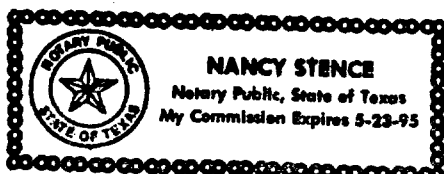
COUNTY OF LUBBOCK §

§

The foregoing instrument was acknowledged before me this 5th day of NOVEMBER, 1992, by J. M. WELBORN.

My Commission Expires:

MAY 23, 1995



Nancy Stence

A Notary Public in the

State of TEXAS

County of LUBBOCK

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 1992.

Frances B. Christmann
Signature FRANCES B. CHRISTMANN, EXECUTOR OF THE ESTATE
OF JOHN J. CHRISTMANN, DECEASED

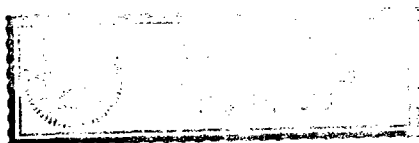
FRANCES B. CHRISTMANN
Print Name

THE STATE OF Texas §
§
COUNTY OF Lubbock §
§

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Frances B. Christmann.

My Commission Expires:

5/11/95



Sharon M. Miller
A Notary Public in the
State of Texas
County of Lubbock

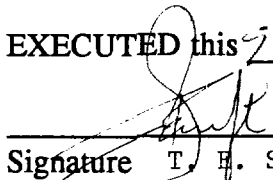
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 7th day of July, 19 92.


Signature T. E. Swift


R. J. Moran

T. E. Swift, R. J. Moran, Trustees of the John
Print Name J. Moran Trust

THE STATE OF Texas §

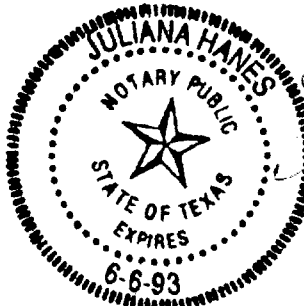
§


COUNTY OF Wichita §

The foregoing instrument was acknowledged before me this 7th day of
November, 1992, by R. J. Moran and T. E. Swift, Trustees of the
John J. Moran Trust.

My Commission Expires:

June 6, 1993




A Notary Public in the
State of Texas
County of Wichita

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of November, 19 92.

John M. Loffland, Jr.
Signature

John M. Loffland, Jr.
Print Name

THE STATE OF TEXAS §

§

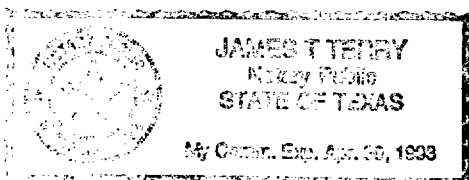
COUNTY OF TARRANT §

§

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by John M. Loffland, Jr..

My Commission Expires:

April 30, 1993



James T. Terry
A Notary Public in the
State of Texas
County of Tarrant

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 9th day of NOV, 19 92.

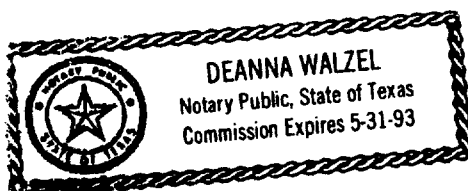
John A. Stuart
Signature
JOHN A. STUART
Print Name

THE STATE OF TEXAS §
COUNTY OF FORT BEND §

The foregoing instrument was acknowledged before me this 9th day of November, 1992, by JOHN A. STUART.

My Commission Expires:

5-31-93



Deanna Walzel
A Notary Public in the
State of Texas
County of FORT BEND

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 10th day of November, 1992.

Signature

John Douglas Mangum
Print Name

THE STATE OF TX. §

COUNTY OF TRAVIS §

The foregoing instrument was acknowledged before me this 10 day of November, 1992, by John Douglas Mangum

My Commission Expires:

4-4-93



Mary Jo Humphreys
A Notary Public in the
State of TX.

County of TRAVIS

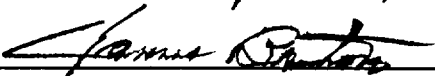
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 13th day of Nov., 19 92.


Signature

James Bruton
Print Name

THE STATE OF Oklahoma §


§

COUNTY OF Stephens §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by James Bruton.

My Commission Expires:

01/27/96


A Notary Public in the
State of Oklahoma
County of Stephens


**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 13th day of November, 19 92.



Signature

James Bruton

Print Name

THE STATE OF Oklahoma §


§

COUNTY OF Stephens §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by James Bruton.

My Commission Expires:

01/27/96



A Notary Public in the
State of Oklahoma
County of Stephens

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**


In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 16th day of Nov, 19 92.

Signature


John J. Redfern, III
Independent Executor of the Estate
of John J. Redfern, Jr., Deceased

Print Name

P. O. Box 50890
Midland, Texas 79710
Tax ID # 75-6348264

THE STATE OF TEXAS §

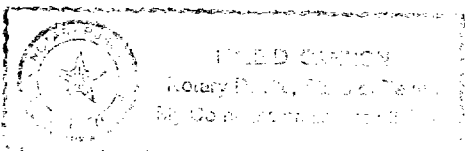
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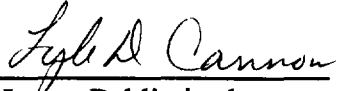
COUNTY OF MIDLAND §

§

The foregoing instrument was acknowledged before me this 16th day of November, 1992, by John J. Redfern, III.

My Commission Expires:




A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3RD day of December, 1992.

[Signature]
Signature

JACK VANCE COWAN TRUST

JACK V COWAN TRUSTEE

Print Name

THE STATE OF TEXAS §

§

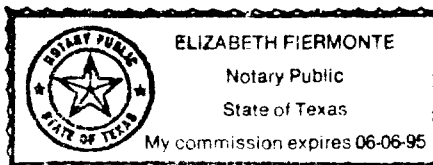
COUNTY OF BEXAR §

§

The foregoing instrument was acknowledged before me this 3RD day of December, 1992, by Elizabeth Fiermonte.

My Commission Expires:

6-6-95



[Signature]
A Notary Public in the
State of TEXAS
County of BEXAR

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 16th day of Nov., 19 92.

Joyce Ann Brown
Signature

Joyce Ann Brown
Print Name

THE STATE OF N.Mex §

COUNTY OF San Miguel §

The foregoing instrument was acknowledged before me this 16 day of Nov, 1992, by Joyce Ann Brown

My Commission Expires:

3-7-93

Paul M. Higgins
A Notary Public in the
State of N.Mex
County of San Miguel

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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EXECUTED this 19th day of November, 1992.

Joan Bowen Harmer
Signature

JOAN BOWEN HARMER
Print Name

THE STATE OF Washington §

COUNTY OF Clallam §

The foregoing instrument was acknowledged before me this 19th day of November, 1992, by Joan Bowen Harmer.

My Commission Expires:

10-10-96



Alyce Burckhardt
A Notary Public in the
State of Washington
County of Clallam

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3RD day of NOVEMBER, 1992.

Ira J. Stuart
Signature

IRA J. STUART
Print Name

THE STATE OF TEXAS §

§

COUNTY OF EL PASO §

§

The foregoing instrument was acknowledged before me this 3 day of Nov., 1992, by Ira J. STUART.

My Commission Expires:

4-11-95



Raul Viescas, Jr.
Notary Public State of Texas
Commission Expires 4-11-95

[Signature]
A Notary Public in the
State of TEXAS
County of EL PASO

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of November, 1992.

Dorene Stuart Small

Signature

DRENE STUART SMALL
Print Name

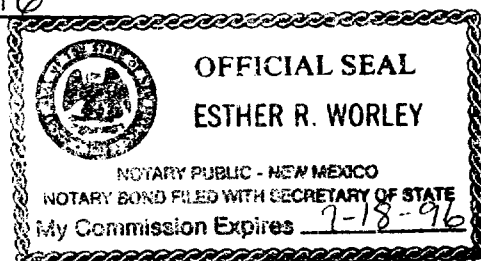
THE STATE OF New Mexico §

COUNTY OF Eddy §

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by Dorene Stuart Small.

My Commission Expires:

7-18-96



Esther R. Worley
A Notary Public in the
State of New Mexico
County of Eddy

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 16 day of November, 1992.

Ira L. Elliott
Signature

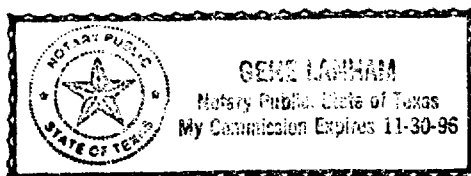
Ira L. Elliott
Print Name

THE STATE OF TEXAS §
 §
COUNTY OF LUBBOCK §

The foregoing instrument was acknowledged before me this 16 day of November, 1992, by Ira L. Elliott.

My Commission Expires:

11-30-96



Gene Latham
A Notary Public in the
State of Texas
County of Lubbock

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of November, 19 92.

Harvey E. Yates
Signature

Harvey E. Yates
Print Name

THE STATE OF New Mexico §

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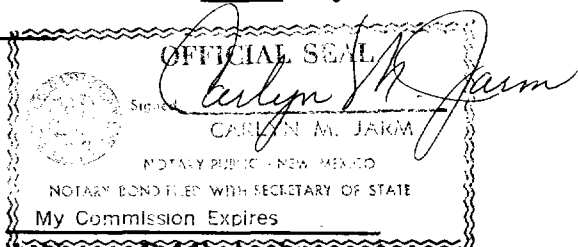
COUNTY OF Chaves §

§

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Harvey E. Yates

My Commission Expires:

3-28-95



A Notary Public in the
State of New Mexico
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of November, 19 92.

Helen May Hamilton
Signature

HELEN MAY HAMILTON
Print Name

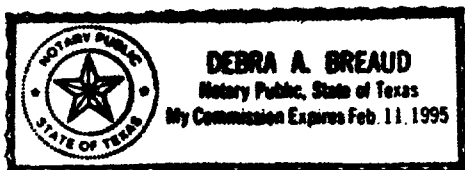
THE STATE OF Texas §

COUNTY OF Tarrant §

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by _____.

My Commission Expires:

2/11/95



Debra A. Breaud
A Notary Public in the
State of Texas
County of Tarrant

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6 day of November, 1992.

H. Winfield Smith, Jr.
Signature

HENRY Winfield Smith, Jr.
Print Name

THE STATE OF NC §

COUNTY OF New Hanover §

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by Henry Winfield Smith, Jr.

My Commission Expires:

8/9/94

James L. James
A Notary Public in the
State of North Carolina
County of New Hanover

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of Nov, 19 92.
Harry E. Smith, by his attorney-in-
fact Lillian S. Ward

Signature

HARRY E. SMITH
Print Name

THE STATE OF NC §

COUNTY OF Robeson §

The foregoing instrument was acknowledged before me this 3rd day of Nov, 1992, by Lillian S. Ward.

My Commission Expires:

2-11-96

Paula W. Mott
A Notary Public in the
State of NC
County of ROBESON

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 19 92.

Garland Stuart

Signature

Garland Stuart

Print Name

THE STATE OF Nm §

§

COUNTY OF Otero §

§

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Garland Stuart.

My Commission Expires:

092494

Luey Carrillo
A Notary Public in the
State of Nm
County of Otero

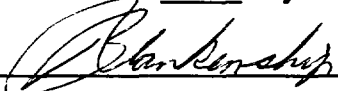
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of November, 19 92.



Signature

G. T. Blankenship

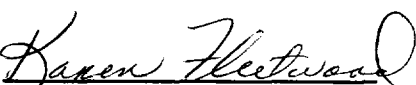
Print Name

THE STATE OF OKLAHOMA §
 §
COUNTY OF OKLAHOMA §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by G. T. Blankenship.

My Commission Expires:

July 10, 1993



A Notary Public in the
State of OKLAHOMA
County of OKLAHOMA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4th day of November, 19 92.

George H. Etz, Jr.
Signature

George H. Etz, Jr.
Print Name

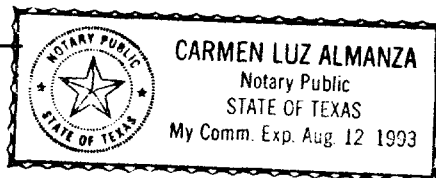
THE STATE OF Texas §

COUNTY OF Hidalgo §

The foregoing instrument was acknowledged before me this 4 day of November, 1992, by _____.

My Commission Expires:

8-12-93



Carmen L. Almanza
A Notary Public in the
State of Texas
County of Hidalgo

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10 day of November, 19 92.

Gaylene Ashcraft
Signature

Gaylene Ashcraft
Print Name

THE STATE OF Oklahoma §

COUNTY OF Oklahoma §

The foregoing instrument was acknowledged before me this 10 day of November, 1992, by Gaylene Ashcraft.

My Commission Expires:

April 26, 1995

Edna L. Brashear
A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 10th day of November 1992

Gertrude Olinger Tyson

Signature

GERTRUDE OLINGER TYSON

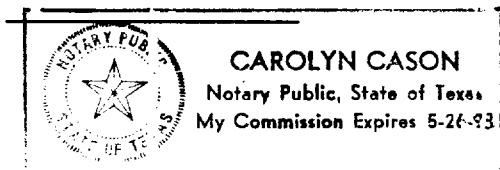
Print Name

THE STATE OF Texas §

COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Gertrude Olinger Tyson

My Commission Expires:



Carolyn Cason
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 2ND day of November, 19 92.

F. Kieffer Voss
Signature

F. KIEFFER VOSS
Print Name

THE STATE OF COLORADO §

COUNTY OF DENVER §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by F. Kieffer Voss.

My Commission Expires:

02-26-95

Sharon E. Mitten
A Notary Public in the
State of Colorado
County of Denver

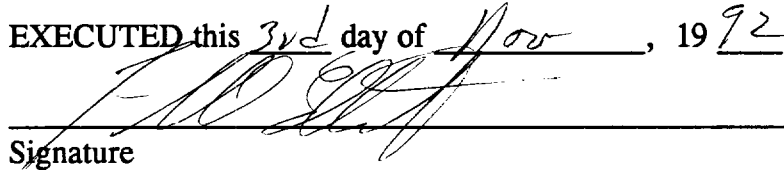
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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EXECUTED this 3rd day of Nov, 19 92.



Signature

Frank O. Elliott Living Trust
Frank O. Elliott, Trustee

Print Name

THE STATE OF New Mexico §

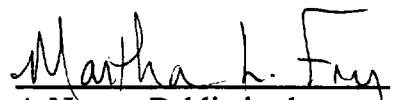
§

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Frank O. Elliott.

My Commission Expires:

12/23/92



A Notary Public in the
State of New Mexico
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of November, 19 92.

D. Ferrell Davis
Signature

F. FERRELL DAVIS
Print Name

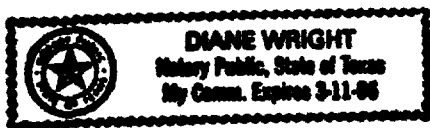
THE STATE OF TEXAS §

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 4th day of November, 1992, by F. Ferrell Davis.

My Commission Expires:

March 11, 1996



Diane C. Wright
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of Nov, 1992.


Signature

Frank O. Elliott
d/b/a Elliott Oil Company

Print Name

THE STATE OF New Mexico §

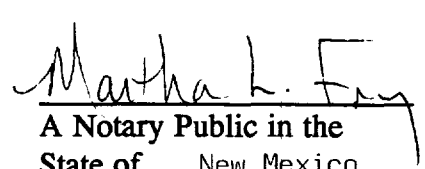
§

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Frank O. Elliott.

My Commission Expires:

12/23/92


A Notary Public in the
State of New Mexico
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 24th day of Nov., 19 92.

Signature

Fairway Oil & Gas Company

P. O. Box 50890

Midland, Texas 79710

Tax ID # 75-1510632

Print Name

THE STATE OF New Jersey §

§

COUNTY OF Morris §

The foregoing instrument was acknowledged before me this 24th day of November, 1992, by Patricia J. Redfern.

My Commission Expires:

6/14/95

Patricia M. Unger

A Notary Public in the

State of New Jersey

County of Morris

PATRICIA M. UNGER
NOTARY PUBLIC OF NEW JERSEY

My Commission Expires May 24, 1990
Qualified in Morris County

6/14/95

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5 day of November, 19 92.

Allen N. Etz
Signature Etz Oil Properties, Ltd.

Allen N. Etz, General Partner
Print Name

THE STATE OF Arizona §

COUNTY OF Cochise §

The foregoing instrument was acknowledged before me this 5 day of November, 1992, by Allen N. Etz.

My Commission Expires:

My Commission Expires 1-1-93

Dolores Garcia
A Notary Public in the
State of Arizona
County of Cochise

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2 day of November, 19 92.

Estelle Andrews Mehlhop
Signature

ESTELLE ANDREWS MEHLHOP
Print Name


THE STATE OF N.M. §

COUNTY OF DONA ANA §

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Estelle Andrews Mehlhop

My Commission Expires:

11-22-95


Tracy B. Sanchez
A Notary Public in the
State of N.M.
County of DONA ANA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of Nov, 1992

Signature

Ernie W. Turner
Print Name

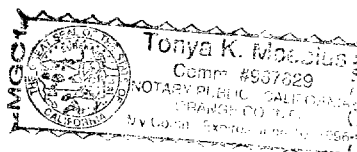
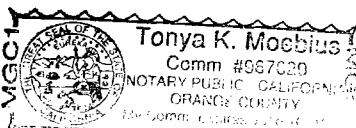
THE STATE OF California §

§

COUNTY OF Orange §

The foregoing instrument was acknowledged before me this 4th day of November, 1992, by Ernie W. Turner.

My Commission Expires: June 10, 1996



Tonya K. Moebius
A Notary Public in the
State of California
County of Orange

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3rd day of Nov., 1992.

Eunice James Gray
Signature

Eunice James Gray
Print Name

THE STATE OF New York §

§
COUNTY OF Rockland §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Eunice James Gray.

My Commission Expires:

5/31/94

Joyce Cardile
A Notary Public in the

State of NEW YORK JOYCE CARDILE
County of Rockland NOTARY PUBLIC, State of New York
No. 4731936
Qualified in Rockland County
Commission Expires May 31, 1994

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 19 92.

Eunice Cone Gibson

Signature

Eunice Cone Gibson

Print Name

THE STATE OF Texas §

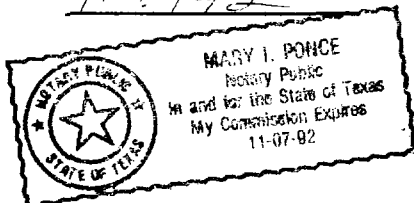
§

COUNTY OF El Paso §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by ~~Mary I. Ponce~~ Eunice Cone Gibson

My Commission Expires:

11-01-92



Mary I. Ponce

A Notary Public in the
State of Texas

County of El Paso

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of November, 19 92.

Elizabeth Beary Dudley
Signature

ELIZABETH BEARY DUDLEY
Print Name

THE STATE OF Oklahoma §

COUNTY OF Oklahoma §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Sharon Darlene Perry

My Commission Expires:

July 15, 1996

Sharon Darlene Perry
A Notary Public in the
State of Oklahoma
County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of Nov., 1992.

Elmer Underwood Shaughnessy
Signature

ELMER UNDERWOOD SHAUGHNESSY
Print Name

THE STATE OF Oklahoma §

COUNTY OF Leola §

The foregoing instrument was acknowledged before me this 5 day of November, 1992, by Elmer Shaughnessy.
Underwood

My Commission Expires:

5/31/93

William Stewart
A Notary Public in the
State of Oklahoma
County of Leola

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 1st day of December, 19 92

Emil Mosbacher III 24
Signature

EMIL MOSBACHER III
Print Name

THE STATE OF New York §

COUNTY OF Rockland §

The foregoing instrument was acknowledged before me this 1st day of December, 1992, by Emil Mosbacher III.

My Commission Expires:

7/31/94

Mary Ellen Dongarra Tasch
A Notary Public in the
State of New York
County of Rockland

MARYELLEN DONGARRA TASCH
Notary Public, State of New York
No. 4757451-
Qualified in Rockland County
Commission Expires 7/31/94

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 19th day of Nov, 19 92

Edna Ione Hall

Signature

Edna Ione Hall Living Trust
Edna Ione Hall, Trustee

Print Name

THE STATE OF ARIZONA §

§

COUNTY OF MARICOPA §

§

The foregoing instrument was acknowledged before me this 19th day of November, 1992, by Edna Ione Hall.

My Commission Expires:

My Commission Expires Oct. 20, 1993

[Signature]
A Notary Public in the
State of ARIZONA
County of MARICOPA

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 16 day of NOV, 1992.

David M. Pedley
Signature

David M. Pedley
Print Name

THE STATE OF Florida §
COUNTY OF Pinellas §

The foregoing instrument was acknowledged before me this 6 day of November, 1992, by Barbara L. Japout

My Commission Expires:

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. JUNE 29, 1994
BONDED THRU GENERAL INS. UND.

Barbara L. Japout
A Notary Public in the
State of Florida
County of Pinellas

CC012001

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of November, 19 92

Don J. Robertson
Signature

DON J. ROBERTSON
Print Name

THE STATE OF SC §

COUNTY OF Pickens §

The foregoing instrument was acknowledged before me this 4 day of November, 1992, by JoAnne Mauldin.

My Commission Expires:
MY COMMISSION
EXPIRES 6-17-2001

JoAnne Mauldin
A Notary Public in the
State of SC
County of Pickens

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5 day of NOV., 1992.

Dorothy M. Bruno formerly Dorothy M. Stuart
Signature

DOROTHY M. BRUNO, formerly DOROTHY M. STUART
Print Name

THE STATE OF MICHIGAN §
 §
COUNTY OF BERRIEN §

The foregoing instrument was acknowledged before me this 5 day of NOV., 1992, by DOROTHY M. BRUNO, formerly DOROTHY M. STUART

My Commission Expires:

8-12-95

Pamela C. Renkawitz
A Notary Public in the
State of MICHIGAN
County of BERRIEN
PAMELA C. RENKAWITZ

Dennis Deproste
A Notary Public in the
State of NY
County of Essex

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2 day of NOVEMBER 19 92.

Desa L. Lee-Laird

Signature

Desa L. Lee-Laird

Print Name

THE STATE OF TEXAS §

§

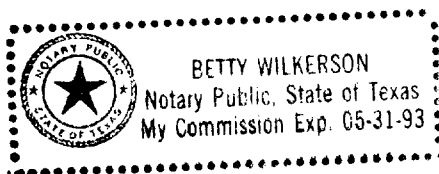
COUNTY OF TAYLOR §

§

The foregoing instrument was acknowledged before me this 2 day of NOVEMBER, 1992, by DESA L. LEE-LAIRD

My Commission Expires:

5/31/93



Betty Wilkerson
A Notary Public in the
State of TX
County of TAYLOR

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of NOVEMBER, 1992.

Charles J. Cone, Trustee
Signature

MARILYN J. CONE, TRUSTEE
Print Name

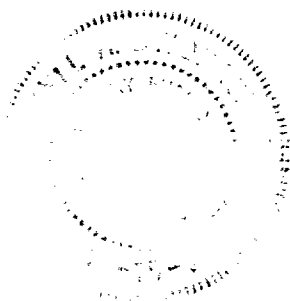
THE STATE OF TEXAS §

COUNTY OF LUBBOCK §

The foregoing instrument was acknowledged before me this 3 day of NOVEMBER, 1992, by MARILYN J. CONE, TRUSTEE

My Commission Expires:

10-15-94



Charles J. Cone
A Notary Public in the
State of TEXAS
County of LUBBOCK

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 31 day of November, 1992.

Donald B. Heard

Signature

DONALD B. HEARD

Print Name

~~Commonwealth~~ THE STATE OF _____

§

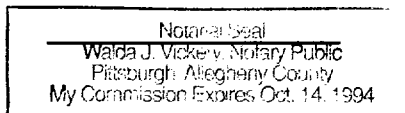
§

COUNTY OF _____

§

The foregoing instrument was acknowledged before me this 31 day of November, 1992, by Donald B. Heard

My Commission Expires:



Walda J. Vickery
A Notary Public in the
~~Commonwealth~~ State of _____
County of _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 6 day of November, 1992.

D.C. Stuart
Signature

D. C. STUART
Print Name

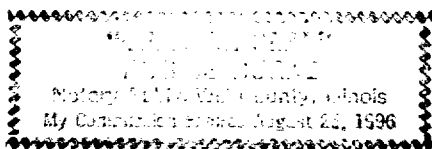
THE STATE OF ILLINOIS §

COUNTY OF COOK §

The foregoing instrument was acknowledged before me this 6 day of Nov, 1992, by D.C. Stuart.

My Commission Expires:

Aug 25 1996



Robbie Burke
A Notary Public in the
State of Ill
County of Will

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 30 day of Nov., 1992.

Diane René Stewart
Signature

Diane René Stewart
Print Name

THE STATE OF CALIF. §

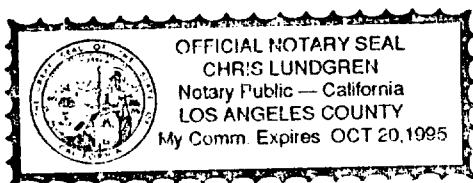
§

COUNTY OF LOS ANGELES §

The foregoing instrument was acknowledged before me this 30th day of NOVEMBER, 1992, by CHRIS LUNDGREN.

My Commission Expires:

10-20-95



Chris Lundgren

A Notary Public in the
State of CALIF.
County of LOS ANGELES

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 6th day of November, 1992.

Signature

Print Name

THE STATE OF NORTH CAROLINA §

§

COUNTY OF MECKLENBURG §

The foregoing instrument was acknowledged before me this 6th day of November, 1992, by Candy Christmas.

My Commission Expires:

June 17, 1997

Karen J. Makysse
A Notary Public in the
State of North Carolina
County of Mecklenburg

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4TH day of NOVEMBER, 19 92.

Cathie F. Simonie
Signature

CATHIE F. SIMONIE
Print Name

THE STATE OF TEXAS §

§

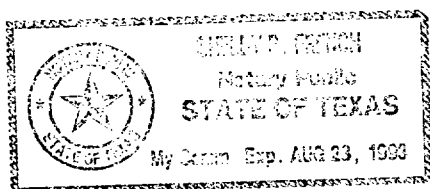
COUNTY OF DALLAS §

§

The foregoing instrument was acknowledged before me this 4TH day of NOVEMBER, 1992, by Shelly R. French.

My Commission Expires:

8-23-93



SHELLY R. FRENCH
A Notary Public in the
State of Texas
County of Dallas

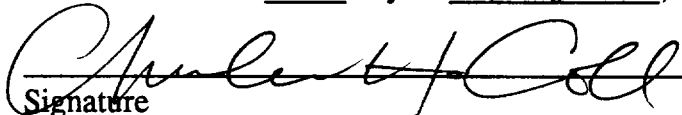
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 6th day of Nov., 19 92.


Signature

Charles H. Coll
Print Name

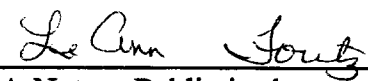
THE STATE OF NM §

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 6th day of Nov., 1992, by Charles H. Coll.

My Commission Expires:

9/20/93


A Notary Public in the
State of NM
County of Chaves

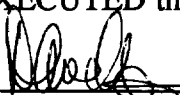
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 5th day of Nov., 1992.



Signature

David Wimberley

Print Name

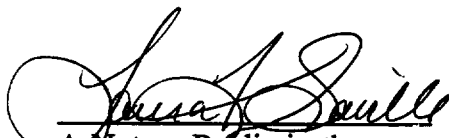
THE STATE OF Virginia §

COUNTY OF Frederick §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by David Wimberley.

My Commission Expires:

10-31-96



A Notary Public in the
State of Virginia
County of Frederick

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2nd day of November, 19 92.

Carla L. Austin

Signature

Carla L. Austin

Print Name

THE STATE OF Oklahoma §

§

COUNTY OF Oklahoma §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Carla L. Austin.

My Commission Expires:

October 30, 1996

Beverly L. Barnes

A Notary Public in the

State of Oklahoma

County of Oklahoma

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 2 day of November, 19 92.

Charlotte H. Stuart
Signature

CHARLOTTE H. STUART
Print Name

THE STATE OF Alaska §

COUNTY OF Anchorage §

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Charlotte H. Stuart.

My Commission Expires:

October 1, 1995

Louise M. Bradshaw
A Notary Public in the
State of Alaska
County of Anchorage

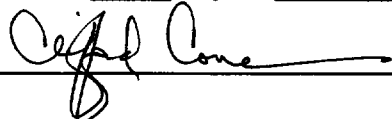
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3RD day of NOVEMBER, 19 92.


Signature

CLIFFORD CONE
Print Name

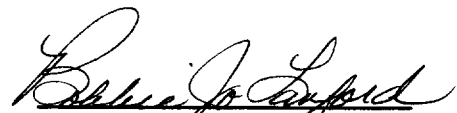
THE STATE OF NEW MEXICO §

COUNTY OF LEA §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Clifford Cone.

My Commission Expires:

August 06, 1994


A Notary Public in the
State of New Mexico
County of Lea

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 3 day of November, 19 92.

Charles B. Read

Signature

CHARLES B. READ

Print Name

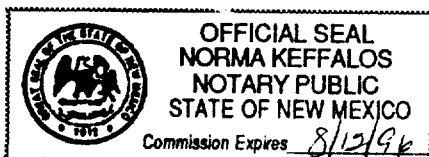
THE STATE OF New Mexico §

COUNTY OF Chaves §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Charles B. Read.

My Commission Expires:

8/13/96



Norma Keffalos
A Notary Public in the
State of New Mexico
County of Chaves

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 10th day of November, 19 92.

Charlene Rogers
Signature

Charlene Rogers
Print Name

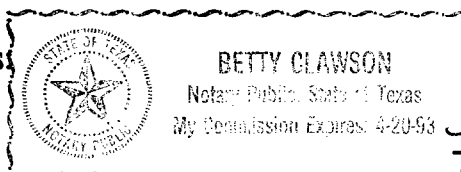
THE STATE OF TEXAS §

COUNTY OF COKE §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Charlene Rogers.

My Commission Expires

April 20, 1993



Printed Name: Betty Clawson

Betty Clawson
A Notary Public in the
State of Texas
County of -

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 11 day of November, 19 92.

Christine Elliott

Signature

Christine Elliott
Print Name

THE STATE OF Texas §

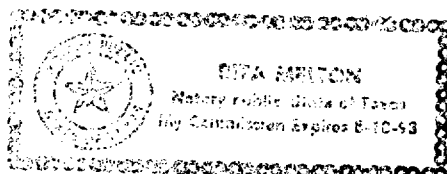
§

COUNTY OF Lubbock §

The foregoing instrument was acknowledged before me this 12th day of Nov., 1992, by CHRISTINE ELLIOTT.

My Commission Expires:

8-10-93



Rita Melton
A Notary Public in the
State of Texas
County of Lubbock

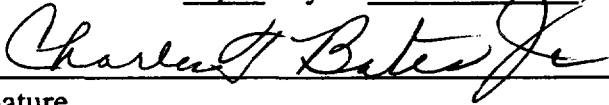
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 29 day of November, 19 92.



Signature

Charles T. Bates, Jr.

Print Name

THE STATE OF Oklahoma §

§

COUNTY OF Pontotoc §

The foregoing instrument was acknowledged before me this 29 day of November, 1992, by Charles T. Bates, Jr.

My Commission Expires:

November 15, 1996



A Notary Public in the

State of Oklahoma

County of Pontotoc

Ante M. Mancussen
A Notary Public in the
State of Colorado
County of Denver

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4th day of November, 1992

Heidi Ann Bette Lupton
Signature

BRADSHAW RABE LUPTON
Print Name

THE STATE OF NC §

COUNTY OF ORANGE §

The foregoing instrument was acknowledged before me this 4 day of November, 1992, by _____.

My Commission Expires:

8.16.97

Deborah J. Lupton
A Notary Public in the
State of NC
County of Chatham

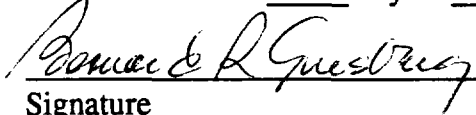
**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 6 day of Nov, 19 92.



Signature

ESTATE OF B.B. GINSBERG
BERNARD R GINSBERG, Personal Rep

Print Name

THE STATE OF NEW MEXICO §


§

COUNTY OF CHAVES §

The foregoing instrument was acknowledged before me this 6th day of NOVEMBER, 1992, by BERNARD R. GINSBERG.

My Commission Expires:

JUNE 17, 1995


A Notary Public in the
State of NEW MEXICO
County of CHAVES

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, 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.

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

EXECUTED this 4 day of NOVEMBER, 1992

Betty L. Amonte
Signature

Betty L. Amonte
Print Name

THE STATE OF New York §

COUNTY OF NASSAU §

The foregoing instrument was acknowledged before me this 4 day of NOVEMBER, 1992, by Barbara Primm

My Commission Expires:

4/2/94

BARBARA PRIMM
Notary Public, State of New York
No. 4964390
Qualified in Nassau County
Commission Expires 4/2/94

Barbara Primm
A Notary Public in the
State of NEW YORK
County of NASSAU

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 2nd day of November, 19 92.

Barbara Jeanne Ratliff
Signature

Barbara Jeanne Ratliff

Print Name

THE STATE OF TEXAS §

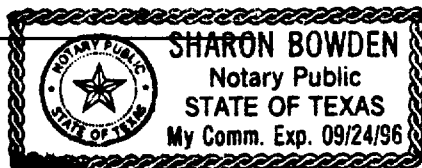
§

COUNTY OF TARRANT §

§

The foregoing instrument was acknowledged before me this 2nd day of November, 1992, by Barbara Jeanne Ratliff.

My Commission Expires:



Sharon Bowden
A Notary Public in the
State of Texas
County of _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3 day of November 1992.

Betty Moran Rice
Signature

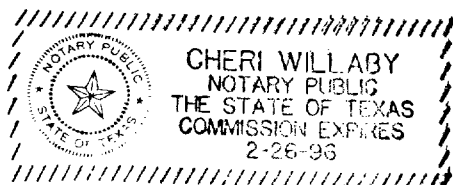
BETTY MORAN RICE
Print Name

THE STATE OF Texas §
COUNTY OF Dallas §

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by Cheri Willaby

My Commission Expires:

2-26-96 ^{cw}



Cheri Willaby
A Notary Public in the
State of Texas
County of Dallas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3rd day of November, 1992.

Signature

B. BROADRICK

Print Name

THE STATE OF Texas §

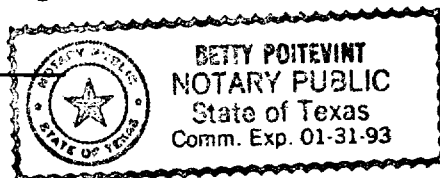
§

COUNTY OF Haworth §

§

The foregoing instrument was acknowledged before me this 3 day of November, 1992, by B. Broadrick.

My Commission Expires:



Betty Poitevin
A Notary Public in the
State of _____
County of _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

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

EXECUTED this 3RD day of NOVEMBER, 19 92.

Arew H. Beams
Signature

BEAMS MINERALS COMPANY
Print Name

THE STATE OF Texas §

COUNTY OF Laenas §

The foregoing instrument was acknowledged before me this 4th day of November, 1992, by Arew H. Beams.

My Commission Expires:

April 23, 1993

Bobbie P. Fenthaedt
A Notary Public in the
State of Texas
County of Laenas

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 2 day of Nov, 19 92.

Betty J. Riddle
Signature

Betty J. Riddle
Print Name

THE STATE OF Oklahoma §

§

COUNTY OF Tulsa §

§

The foregoing instrument was acknowledged before me this 2 day of November, 1992, by Betty J. Riddle.

My Commission Expires:

9-10-96

Jerry D. Hudgins
A Notary Public in the
State of Oklahoma
County of Tulsa


**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 10th day of November, 19 92.



Signature WILLS ROYALTY, INC.

Bradley T. Light, President

Print Name

THE STATE OF New Mexico §

§

COUNTY OF Eddy §

§

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by Bradley T. Light, President of Wills Royalty, Inc., a New Mexico corporation, on behalf of said corporation.

My Commission Expires:

April 25, 1995

A Notary Public in the
State of New Mexico
County of Eddy

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 13th day of November, 19 92.

Benita Jean Birmingham
Signature

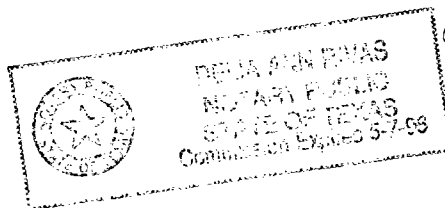
BENITA JEAN BIRMINGHAM
Print Name

THE STATE OF TEXAS §
 §
COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 13th day of November, 1992, by Benita Jean Birmingham.

My Commission Expires:

5/7/96



Debra Ann Evans
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 3RD day of December, 19 92.

Benjamin Scott Coleman
Signature

BENJAMIN SCOTT COLEMAN TRUST

TRUSTEE

Print Name

THE STATE OF _____ §

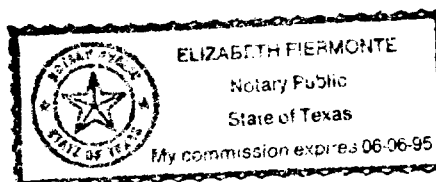
§

COUNTY OF _____ §

The foregoing instrument was acknowledged before me this 3RD day of December, 1992, by Elizabeth Fiermonte.

My Commission Expires:

6-6-95



Elizabeth Fiermonte
A Notary Public in the
State of TEXAS
County of DOYAR

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 12th day of November, 1992.

Trust Corp, Trustee Bessie A. Whelan Trust
By: Patricia L. Barton, Asst. T.D.

Signature

PATRICIA L. BARTON

Print Name

THE STATE OF Montana §

COUNTY OF Cascade §

The foregoing instrument was acknowledged before me this 12th day of November, 1992, by Patricia L. Barton

My Commission Expires:

2/24/95

Betty L. Converse

A Notary Public in the

State of Montana

County of Cascade

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 3 day of November, 19 92.

Alice W. Nielsen
Signature

Alice W. Nielsen
Print Name

THE STATE OF Delaware §
COUNTY OF New Castle §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Alice W. Nielsen.

My Commission Expires:

DONALD MC AVANEY
NOTARY PUBLIC
Commission Expires April 14, 1993

Donald McAvaney
A Notary Public in the
State of Delaware
County of New Castle

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 3 day of Nov, 1992.

Anna May Rasmussen
Signature

ANNA MAY RASMUSSEN
Print Name

THE STATE OF Wyoming §
COUNTY OF Carbon §

The foregoing instrument was acknowledged before me this 3rd day of November, 1992, by Anna May Rasmussen

My Commission Expires:

3-14-94

[Signature]
A Notary Public in the
State of Wyoming
County of Carbon

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 2 day of Nov., 19 92.

Alfred K. Barnes Jr.
Signature

ALFRED K. BARNES JR.
Print Name

THE STATE OF COLORADO §

§

COUNTY OF DENVER §

The foregoing instrument was acknowledged before me this 2 day of NOVEMBER, 1992, by Alfred K. Barnes Jr.

My Commission Expires:

6-26-95

DENNIS D. LANGLEY
A Notary Public in the
State of COLORADO
County of DENVER

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 30th day of Oct, 19 92.

Audrey M. Baker
Signature

AUDREY M. BAKER

Print Name

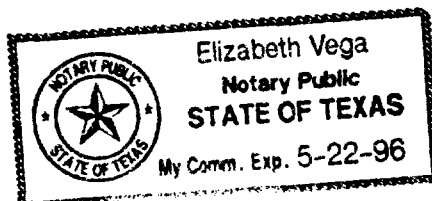
THE STATE OF Texas §

COUNTY OF Midland §

The foregoing instrument was acknowledged before me this 30th day of October, 1992, by Elizabeth Vega.

My Commission Expires:

5-22-96



Elizabeth Vega
A Notary Public in the
State of Texas
County of Midland

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 6 day of November, 1992

April Elizabeth Tucker
Signature

April Elizabeth Tucker
Print Name

THE STATE OF Arizona §
§
COUNTY OF Maricopa §

The foregoing instrument was acknowledged before me this 6 day of November, 1992, by April Elizabeth Tucker

My Commission Expires:



Karen Gregory
A Notary Public in the
State of _____
County of _____

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 10th day of November, 19 92.


Signature

Mack H. Wooldridge

Print Name

THE STATE OF TEXAS §

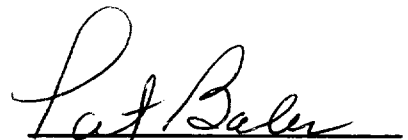
§

COUNTY OF SHACKELFORD §

The foregoing instrument was acknowledged before me this 10th day of November, 1992, by MACK H. WOOLDRIDGE.

My Commission Expires:

November 3, 1996



A Notary Public in the

State of TEXAS

County of SHACKELFORD

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 9th day of November, 19 92.


Signature

ALLYNE KELLY FULLER
Print Name

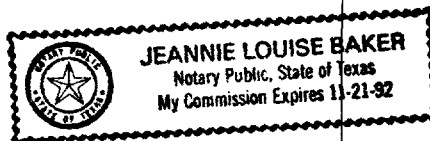
THE STATE OF Texas §

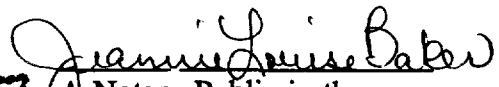
COUNTY OF Comal §

The foregoing instrument was acknowledged before me this 9th day of November, 1992, by Allyne Kelly Fuller.

My Commission Expires:

11-21-92




A Notary Public in the
State of Texas
County of Comal

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 13th day of Nov, 19 92.

A. L. Mangum
Signature

A. L. MANGUM
Print Name

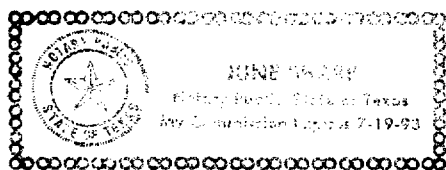
THE STATE OF TEXAS §

COUNTY OF Lubbock §

The foregoing instrument was acknowledged before me this 13th day of Nov, 1992, by JUNE SHARP.

My Commission Expires:

7-19-93



June Sharp
A Notary Public in the
State of TEXAS
County of Lubbock

**RATIFICATION AND JOINDER OF UNIT AGREEMENT
FOR THE SOUTH JUSTIS UNIT**

In consideration of the execution of the Unit Agreement for the development and operation of the South Justis Unit Area, County of Lea, State of New Mexico, dated September 1, 1992, in form approved on behalf of the Secretary of the Interior and the State of New Mexico, the undersigned (whether one or more) hereby expressly joins said Unit Agreement and ratifies, approves, adopts, and confirms said Unit Agreement as fully as though the undersigned had executed the original agreement.

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

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

EXECUTED this 5th day of November, 19 92.

Averil Stuart Dew
Signature

AVERIL STUART DEW
Print Name

THE STATE OF New Mexico §

§

COUNTY OF Eddy §

The foregoing instrument was acknowledged before me this 5th day of November, 1992, by Averil Stuart Dew.

My Commission Expires:

3/6/94

Hail Pallock
A Notary Public in the
State of New Mexico
County of Eddy

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: December 8, 1992

COMPANY: Meridian Oil Production Inc.

BY: 

Dennis Sledge

TITLE: Attorney-in-Fact

STATE OF Texas

§
§
§

COUNTY OF Midland

This instrument was acknowledged before me this 8th day of December,
1992, by Dennis Sledge, Attorney-in-Fact of
a Delaware Corporation.

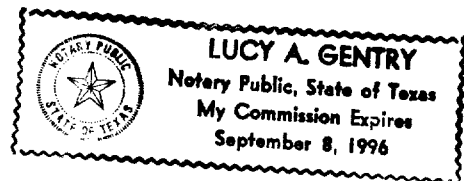
Lucy A. Gentry

Notary Public in and for the
State of Texas

Print Name Lucy A. Gentry

My Commission Expires:

9-8-96



**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/30/92

COMPANY: MOORE OIL Corp.

BY: Marion Moore

TITLE: President

STATE OF TEXAS §
COUNTY OF Harris §
§

This instrument was acknowledged before me this 30th day of NOVEMBER,
1992, by MARIA D. MOVERS

Tessa Elizabeth Carlos

Notary Public in and for the

State of TEXAS

Print Name Tessa Elizabeth Carlos

My Commission Expires:

04/03/93

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

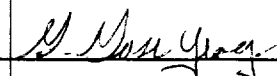
WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: November 3, 1992

COMPANY: WAY Enterprises, Inc.

BY: 

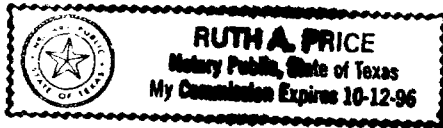
TITLE: President

STATE OF TEXAS

§
§
§

COUNTY OF MIDLAND

This instrument was acknowledged before me this 3RD day of NOVEMBER,
1992, by G. COSS YEAGER



Ruth A. Price

Notary Public in and for the

State of TEXAS

Print Name _____

My Commission Expires:

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: March 3, 1992

COMPANY: _____

BY: _____

TITLE: Manager, Int. Affairs

STATE OF TEXAS

§
§
§

COUNTY OF HOWARD

This instrument was acknowledged before me this 3 day of NOVEMBER, 1992, by _____



Brenda J Moore
Notary Public in and for the
State of TEXAS

Print Name _____

My Commission Expires:

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: Nov. 3, 1992

COMPANY: CLIFFORD CONE

BY: Clifford Cone

TITLE: _____

STATE OF NEW MEXICO

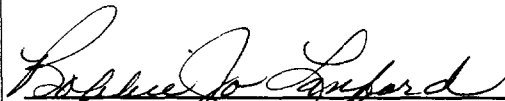
§

COUNTY OF LEA

§

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This instrument was acknowledged before me this 3rd day of November,
1992, by Clifford Cone



Notary Public in and for the

State of New Mexico

Print Name Bobbie Jo Lanford

My Commission Expires:

August 06, 1994

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

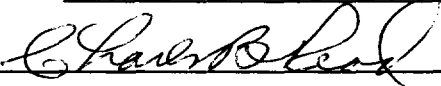
WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/3/92

COMPANY: CHARLES B. READ

BY: 

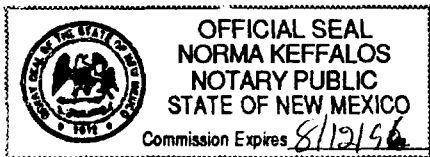
TITLE: _____

STATE OF New Mexico

COUNTY OF Albany

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This instrument was acknowledged before me this 3rd day of November, 1992, by Charles B. Read



My Commission Expires:

8/12/96

Norma Keffalos
Notary Public in and for the
State of New Mexico

Print Name NORMA KEFFALOS

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/6/92

COMPANY: 

BY: _____

TITLE: _____

STATE OF Nebraska

COUNTY OF

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§
§

This instrument was acknowledged before me this 16th day of November,
1992, by Steve Anderson

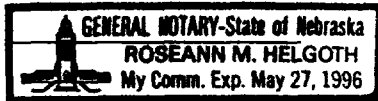
Roseann Helgoth

Notary Public in and for the

State of Nebraska

Print Name Roseann Helgoth

My Commission Expires:



**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/2/92

COMPANY: Casper Oil, Inc

BY: [Signature]

TITLE: President

STATE OF Colorado

§

COUNTY OF Jefferson

§

§

This instrument was acknowledged before me this 2nd day of November,
1992, by Anthony J. Carrell

Kellie M. Clark

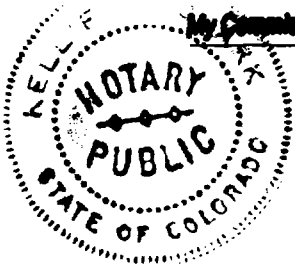
Notary Public in and for the

State of Colorado

Print Name Kellie M. Clark

My Commission Expires:

My Commission Expires Feb. 15, 1995



**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/3/92

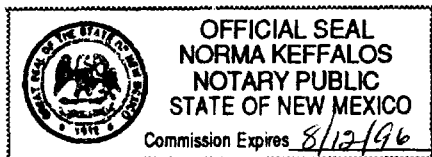
COMPANY: FIRST CENTURY OIL INC

BY: C. Harold B. Good

TITLE: President

STATE OF New Mexico §
COUNTY OF Chavez §
§

This instrument was acknowledged before me this 3rd day of November,
1992, by _____



My Commission Expires:

8/12/96

Norma Keffalos
Notary Public in and for the
State of New Mexico
Print Name NORMA KEFFALOS

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 10-31-92

COMPANY: DOUGLAS L. CONE

BY: Douglas L. Cone

TITLE: Sole Proprietor

STATE OF TEXAS

§
§
§

COUNTY OF LUBBOCK

This instrument was acknowledged before me this 31 day of OCTOBER, 1992, by Douglas L. Cone

Cheryl R. Dworaczyk
Notary Public in and for the
State of TEXAS

Print Name Cheryl R. Dworaczyk

My Commission Expires:

10-15-94



**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/5/92

COMPANY: **Trusts U/D DONALDSON BROWN
ITEM II (B) : 3-25-85**

BY: *J. Michael Miller*

TITLE: **Mercantile-Safe Deposit and Trust Company
Trustee U/D D. Brown**

**J. Michael Miller, III
Vice President**

STATE OF Maryland

§

COUNTY OF Baltimore

§

§

This instrument was acknowledged before me this 5th day of November,
1992, by J. Michael Miller, III

Kathryn Dawn Sorg

Notary Public in and for the

State of Maryland

Print Name Kathryn Dawn Sorg

My Commission Expires:

12/1/94

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

WHEREAS, each of the undersigned owners of a working interest or interests hereby acknowledges receipt of a true and correct copy of said Unit Agreement, and a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Operating Agreement, South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Operating Agreement; and

WHEREAS, Exhibits "A", "B" and "C", attached to and made a part of said Unit Agreement, identify the separately owned tracts which will become a part of the Unit; and

WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/13/92

APPROVED PURSUANT TO POWER OF ATTORNEY
GRANTED BY PATRICIA PENROSE SCHIEFFER, TRUSTEE
FOR THE PATRICIA PENROSE SCHIEFFER TESTAMENTARY
TRUST. TAX I.D. #77-8289512
COMPANY: _____
BY: J. Thomas Schieffer
J. THOMAS SCHIEFFER
TITLE: ATTORNEY IN FACT AND AT LAW

ACKNOWLEDGEMENT

STATE OF TEXAS

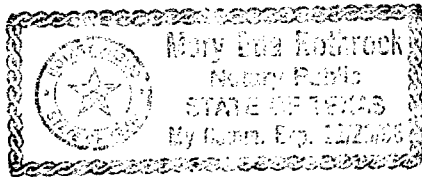
§

COUNTY OF TARRANT

§

§

THIS instrument was acknowledged before me on this 13th day of November 1992, by J. Thomas Schieffer, Attorney-in-fact for the Patricia Penrose Schieffer Testamentary Trust, Patricia Penrose Schieffer, Trustee.



Mary Eda Rotrock
Notary Public in and for the
State of Texas
Commission Expires: _____
Printed Name: _____

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

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IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11-2-92

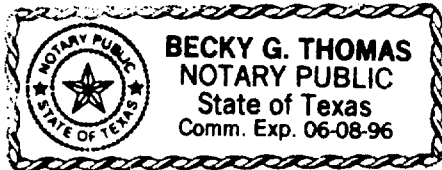
COMPANY: James E. Burr

BY: James E. Burr

TITLE: Owner

STATE OF TEXAS §
COUNTY OF Midland §
§

This instrument was acknowledged before me this 2nd day of November,
1992, by JAMES E. Burr



Becky G. Thomas
Notary Public in and for the
State of TEXAS

Print Name Becky G. Thomas

My Commission Expires:

**RATIFICATION AND JOINDER
OF AGREEMENTS ENTITLED
UNIT AGREEMENT AND UNIT OPERATING AGREEMENT
SOUTH JUSTIS UNIT AREA
LEA COUNTY, NEW MEXICO**

KNOW ALL PERSONS BY THESE PRESENTS, THAT:

WHEREAS, each of the undersigned owners of a royalty interest or interests hereby acknowledges receipt of a true and correct copy of that certain agreement, dated September 1, 1992, entitled "Unit Agreement for the Development and Operation of the South Justis Unit Area, Lea County, New Mexico", which agreement is hereinafter referred to as the Unit Agreement; and

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WHEREAS, each of the undersigned represents that it is a Royalty Owner or Working Interest Owner, or both, as defined in said Unit Agreement, in one or more of the Tracts identified by said Exhibits; and

WHEREAS, each undersigned Royalty owner, being familiar with the contents thereof, desires to ratify and confirm said Unit Agreement and each undersigned Working Interest Owner, being familiar with the contents thereof, desires to ratify, confirm and join said Unit Agreement and said Unit Operating Agreement.

NOW, THEREFORE, each of the undersigned who is the owner of a royalty interest or interests only does hereby ratify and confirm said Unit Agreement, and each of the undersigned who is the owner of a working interest or interests only or the owner of both a working interest or interests or royalty interest or interests does hereby ratify, confirm and join said Unit Agreement and said Unit Operating Agreement, each owner with respect to all of its interests in all of the separately owned Tracts identified by said Exhibits, thereby becoming a party thereto. This instrument shall be binding upon the undersigned, its successors and assigns.

IN WITNESS WHEREOF, each of the undersigned parties has executed this instrument on the date set forth opposite its signature.

DATE: 11/11/92

COMPANY: Pacific Enterprises Oil Company (USA)

BY: Wm Sweet

TITLE: VICE PRESIDENT

Dick

STATE OF TEXAS

§

COUNTY OF DALLAS

§

§

This instrument was acknowledged before me this 11th day of November, 1992, by W. M. Sweat

Dorothy E. Jones

Notary Public in and for the

State of TEXAS

Print Name DOROTHY E. JONES

My Commission Expires:

