

EXHIBIT "4"

EXHIBIT "B"

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

BEFORE EXAMINER CATAWACH
OIL CONSERVATION DIVISION

ARCO EXHIBIT NO. 4

CASE NO. 10553, 10553, 10554

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	1.562500% 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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	1.562500% 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%	The Aurand Company Miriam B. Johnson Alice Robertson William E. Thomas, II	0.390600% 0.390600% 0.390600% 0.390600%	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%	The Aurand Company Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership Amoco Production Co. Alice N. Robertson William E. Thomas II William E. Thomas II	0.390625% 4.687500% 0.390625% 0.195300% 0.195300%	ARCO Caspem Oil, Inc.	81.250000% 18.750000%

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LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	Sliding Scale	Lessee of Record Percentage	Owner	Overriding Royalty Owner Percentage	Owner	Working Interest Owner Percentage
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	Sliding Scale	100.0000%	William E. Thomas, II	0.390600%	ARCO	100%
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	Sliding Scale	100.0000%	The Aurand Company Miriam B. Johnson MW Petroleum Corp. Alice N. Robertson William E. Thomas, II	0.390600% 0.390600% 4.687500% 0.390700% 0.390600%	ARCO	100%
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.	Sliding Scale	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou linehan Barbara Jean Rotliff Alfred B. Karnes, Jr	0.227860% 0.227860% 0.227870% 0.683590% 0.683590% 1.562500%	Meridian Oil Production, Inc.	100%
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.	Sliding Scale	62.50000% 25.00000% 12.50000%	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou linehan Barbara Jean Rotliff Alice N. Robertson William E. Thomas II The Aurand Company Miriam B. Johnson Partnership	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. Doyle Hartman & wife, Margaret M. Hartman James A. Davidson, single Larry A. Nemyr, single James E. Burr & wife, La Veta F. Burr Jack Fletcher & wife, Delphia Fletcher	62.500000% 12.597656% 12.500000% 8.886719% 3.125000% 0.195313% 0.097656% 0.097656%

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LEA COUNTY, NEW MEXICO

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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	Allied Signal, Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Betty Lou Linehan Barbara Jean Ratliff 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. Caspem 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.	58.33333% 41.66667%	Ernest E. Richelleu, 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.	100.00000%		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.	50.00000% 50.00000%	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%

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				Percentage	Owner	Percentage	Owner	Percentage	Owner	Percentage	Owner
14	SE/4 NE/4 Section 35, T-25-S, R-37-E, Lea County, New Mexico	40	LC-032510-B 7/29/37 HBP	Bureau of Land Management	Sliding Scale	Amoco Production Co. Allied Signal Inc. Sun Operating Ltd. Partnership	50.00000% 41.66670% 08.33330%	J. Steve Anderson III Curtis Louise Austin Thomas W. Anderson Barbara Jeanne Ratliff Betty Lou Linehan William E. Thomas Alice N. Robertson The Aurand Company Marion B. Johnson Partnership	0.227860% 0.227870% 0.227860% 0.683590% 0.683590% 0.390630% 0.390630% 0.390620% 0.390620%	Meridian Oil Production, Inc. Cospen Oil, Inc.	91.666670% 8.333000%
15	NW/4 Section 13, T-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	Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Operating Limited Partnership	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Curtis L. Austin Jack Linehan & Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc.	100%
16	SE/4 SE/4, Section 23 SE/4 NE/4, Section 26, T-25-S, R-37-E, Lea County, New Mexico	80	NM-0766 11/8/37 HBP	Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Curtis L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%
17	S/2 SW/4, N/2 SE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	160	NM-0766 11/8/37 HBP	Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Curtis L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%

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18	NE/4 SW/4 Section 23, T-25-S, R-37-E, Leo County, New Mexico	40	LC-032579-C 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	3.992852% 1.522223%	American Exploration Co. Company Marathon	70.00% 30.00%	
19	SW/4 SE/4 Section 23, T-25-S, R-37-E, Leo County, New Mexico, 4,898 feet to 7,212 feet	40	LC-032579-C 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.851852% 1.222223%	American Production Partnership VI Ltd. American Exploration Company American Exploration Acquisition VI Corp. American Production Partnership VII Ltd. New York Life Oil & Gas Production Partnership II-G New York Life Oil & Gas Prod. Production Partnership II-E New York Life Oil & Gas Production Partnership II-F New York Life Oil & Gas Production Partnership III-B	52.083700% 1.819401% 12.426200% 4.548503% 11.345223% 9.983413% 4.676366% 3.117194%	
20	NW/4 SE/4, E/2 SE/4 Section 26, T-25-S, R-37-E, Leo County, New Mexico	120	LC-032579-E 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%	
21	S/2 SE/4 Section 25, T-25-S, R-37-E, Leo County, New Mexico	80	LC-032579-E 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%	

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22	N/2 SE/4 Section 23, T-25-S, R-37-E, Leo County, New Mexico	80	LC-060945 12/8/37 HBP	United States - Bureau of Land Management	Schedule "B"	ARCO	100.0000%	Diane Rene Stewart Board of Trustees of the Leland Stanford Junior University Soletta 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%

ARCO
Meridian Oil Production, Inc.
Larry A. Nernyr
50.000000%
49.218750%
0.781250%

Diane Rene Stewart
Board of Trustees of the
Leland Stanford Junior
University
0.171400%
ARCO
100%
Saeitha Isaacson
0.113600%
Reuel A. Young
0.113599%
Nancy Chandler
0.113601%
Cathie F. Simonieg
0.116100%
Pacific Enterprises Oil Co.
2.766260%
Pacific Enterprises Oil Co.
0.085540%
J. Ruel Armstrong
0.340800%
L. E. Armstrong, Jr.
0.340800%
Joan Bowen Harner
0.500000%
Joan Bowen Harner
0.250000%
Pauson Oil Company
0.335000%
Pauson Oil Company
0.165000%
Anno Moy Rosmussen
0.500000%
Anno Moy Rosmussen
0.250000%
Marathon Oil Company
1.222200%

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28A	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the Tubb/Drinkard formation only	80	NM-0349956 6/1/47 HBP	United States - Bureau of Land Management	12.500000%	Texaco Expl. & Prod. Inc.	100.0000%	c/o Lupton 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		
								c/o J. Thomas Schieffer	0.125000%	
								Lucy O. Ross	0.125000%	
								John M. Loffland, Jr.	0.125000%	Texaco
								T. A. Pedley, Jr.		
								c/o Thomas J. Hayes	0.015630%	
								Effie E. Volintine		
								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		

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					Percentage		Percentage						
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	12.500000%	Fina Oil & Chemical Co.	100.0000%	o/c 03958-04-8	0.021870%	ARCO	100%		
								James N. 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 Bobb 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					
								c/o J. Thomas Schieffer	0.125000%				
								Lucy O. Ross	0.125000%				
								Selma E. Andrews Trust	0.268500%				
								Blanche M. doly	0.125000%				
								Benjamin Ginsberg Est.	1.500000%				

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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	Sliding Scale	Doyle Hartman	100.0000%	Marshall & Winston	0.125000%	ARCO	50.390625%
								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%	Doyle Hartman & wife	35.546875%								
Margaret M. Hartman	12.500000%										
Larry A. Nernyr, single	0.781250%										
James E. Burr & wife,	0.390625%										
La Veta F. Burr	0.390625%										
Jack Fletcher & wife,	0.390625%										
Delphia Fletcher	0.390625%										
TOTAL FEDERAL ACREAGE - 2,800.00		PERCENTAGE OF UNIT (SURFACE ACRES) - 52.24%									

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STATE LANDS									
31	N/2 NE/4, SE/4 NE/4 Section 25, T-25-S, R-37-E leo 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 leo County, New Mexico	80	B9521-1 2/10/42 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	Texaco Inc.		Texaco Inc.	100%
33	W/2 SW/4 Section 30, T-25-S, R-38-E leo County, New Mexico	80	E-497-1 8/10/37 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	MW Petroleum Corp.		Apache	100%
34	N/2 Section 36, T-25-S, R-37-E leo 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 leo 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%					

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				Percentage	Percentage	Percentage			
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 Theodocia G. Bates Warren J. Bates Charles T. Bates, Jr. James Henry Beatty Elizabeth Beatty Dudley Lucille Chism Bates Wilma Chism Loin Mary Helen Seeton 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. Cromatie, Jr. Jane Cromatie Williams T. L. Woolen	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 Petr. Products Co. Div. of Atlantic Richfield Co.	0.612700%	ARCO	100%

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				Percentage	Percentage	Percentage
	John D. Atkins			0.020500%		
	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 Julion Erickson			0.005170%		
	John Warren Erickson			0.005160%		
	Mary Elmor Erickson Knox			0.005170%		
	Don J. Robertson			0.223200%		
	Roma A. Syfert			0.034730%		
	Rosclind Liethold			0.002170%		
	William M. Diltmer, Sr.			0.002170%		
	John A. Diltmer			0.002170%		
	Albert Diltmer			0.002900%		
	Charles A. Burgess			0.034730%		
	Ellen E. Booker			0.002170%		
	Luelia Boes Forwalder			0.011580%		
	Donald Woods			0.011580%		
	Helen Lee Voss Brander			0.111600%		
	F. Kietfer Voss			0.111600%		
	W. M. Riddle & Betty J. Riddle			0.004980%		
	Archie D. Smith & Clarabelle					
	Beds Trust dtd. 12-9-70					
	Archie D. Smith Jr. Trustee			0.644800%		

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				Percentage	Percentage	Percentage
	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 Nommensen Investment					
	Company			0.020900%		
	Richard A. Whittington			0.000270%		
	D. V. Thompson					
	c/o Richard A. Whittington			0.000280%		
	Petco limited			0.334800%		
	Jeonette E. Gift 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					
	Manogment Division			0.892900%		
	Texas Commerce Bank of					
	San Angelo, Trustee, FBO					
	W. V. Lettlich			0.149870%		
	Texas Commerce Bank of					
	San Angelo, Trustee, FBO					
	Brenda Rondson			0.074930%		
	Texas Commerce Bank of					

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				Percentage	Percentage	Percentage
	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					
	Oleta 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 Hubbard 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%		
	Thomas J. Golbroith Char. Tr.					

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
				Percentage		Percentage		Percentage	
37	NE/4 SW/4 Section 11, T-25-S, R-37-E Lea County, New Mexico	40	HBP		Fst Intrst Bk A2, Sue Trste				
					Fst Intrst Bk 0k, Agent				
					Acct #49-8093-00-4	0.669600%			
					Joe & Jessie Crump Fund				
					Jessie B. Crump, David				
					C. Blevins & Texas American				
					Bank of Fort Worth, Trustees				
					Texas Commerce Bank N. A.	1.562500%			
					Agent & A//F for Mary				
					Moran Fagan,				
	Trust Sec. 63140	1.562500%							
	Jessie B. Crump Trust 1069								
	c/o MCNB Texas and J. B. Crump								
	Eunice James Gray	1.562500%							
	Hendrick Medical Center	0.781250%							
	Stephen N. James	3.125000%							
	J. Hiram Moore, Betty Jane	0.781250%							
	Moore and Michael Harrison, Trustees								
	Liberty Nat'l Bk & Trust Co.	3.906250%							
	Charles Pfile, Trustee								
	Trust #142836006	1.562500%							
	Betty Moran Rice	1.562500%							
	John J. Moran Trust								
	R. J. Moran & T. E. Swift, Trustees								
	First City Texas-Midland Trustee,	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
				Percentage	Percentage	Percentage
38	SE/4 SW/4 Section 11, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Donna Cowden Mgmt. Trust A/C 30-1576-00	0.781250%	
				D. C. Trust,		
				Marilyn Cone, Trustee	0.078130%	
				James G. Bruton	0.781250%	
				Virginia L Bruton		
				c/o Portland Properties	0.625000%	
				Elsie Lee Brown Trust,		
				James G. Bruton & Virginia		
				Bruton, Trustees	0.001563%	
				Laura R. Stuart	0.076039%	ARCO Oil and Gas
				Anne Stuart Marble	0.076039%	
				Desa L. Lee Laird	0.260430%	
				Maurine Johnson, Trustee	0.062502%	
				John J. Redfern III		ARCO
				Ind. Executor of the Estate of John J. Redfern, Jr.	0.234374%	Estate of Kathleen Cone,
				Lillie M. Yates, Frank W. Yates and S. P. Yates, Personal Representatives O/E/O		Deceased
				Martin Yates III	0.219440%	Kenneth Cone
				NCNB Texas National Bank Trustee of the Donald L.		Clifford Cone
				Jones Trust	0.260422%	
				NCNB Texas National Bank Trustee of the Lottie D.		
				Jones Trust	0.260422%	
				Rosalind Redfern	0.234374%	
				Judy Stovall	0.468751%	

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
				Percentage	Percentage	Percentage
	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. Broodick			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 Kostman			0.694444%		
	Lovelace Foundation for Medical Education and Research			0.468751%		
	John A. Yoles			0.437531%		
	Frank W. Yoles, Jr., A/I/F for Lillie M. Yoles			0.212944%		
	Estelle Andrews Mehhop			1.302160%		
	ARCO			0.312500%		
	Dorlha Stuart Bruno			0.152082%		
	Kenneth G. Cone			0.104168%		
	Clifford Cone			0.104168%		
	Avril Stuart Dew			0.152082%		
	J. H. Herd			0.468751%		

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
				Percentage	Percentage	Percentage
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	Katherine Adeline Cone Keck	0.694444%	99.707031% + Meridian Oil Production Inc 0.292969%
				Phoebe Shelton	0.213400%	
				Irene Stuart Smoll	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%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna lone Holl, as Trustee of the Edna lone Holl Living Trust	1.562500%	
				Fino Oil and Chemical Company	3.125000%	
				Lee M. Bass, Inc.	0.390625%	
				Sid R. Bass, Inc.	0.390625%	
				Keystone, Inc.	0.390625%	
				Thru Line, Inc.	0.390625%	
				C. W. Samuels	0.390625%	
				Nationsbank of Texas, NA (as successor),		
				Escrow Agent -Sabine		
				Royally Trust	1.562500%	
				Atlantic Richfield Company	10.625000%	

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
				Percentage	Percentage	Percentage
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		ARCO
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust		+ Meridian Oil Production Inc
				1.562500%		99.707031%
				Fina Oil and Chemical Company		
				1.562500%		
				Lee M. Bass, Inc.		
				3.125000%		
				0.390625%		
				Sid R. Bass, Inc.		
				0.390625%		
				Keystone, Inc.		
				0.390625%		
				Thru Line, Inc.		
				0.390625%		
				C. W. Samuels		
				0.390625%		
				Nationsbank of Texas, NA		
				(as successor), Escrow Agent-		
				Sabine Royalty Trust		
				1.562500%		
				Atlantic Richfield Company		
				10.625000%		
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust		ARCO
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust		Meridian Oil Production, Inc.
				1.562500%		25.000000%
				Fina Oil and Chemical Company		
				1.562500%		
				Lee M. Bass, Inc.		
				3.125000%		
				0.390625%		
				Sid R. Bass, Inc.		
				0.390625%		
				Keystone, Inc.		
				0.390625%		
				Thru Line, Inc.		
				0.390625%		
				C. W. Samuels		
				0.390625%		
				Nationsbank of Texas, NA		
				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		
				1.562500%		
				Fina Oil and Chemical Company		
				3.125000%		
				Lee M. Bass, Inc.		
				0.390625%		
				Sid R. Bass, Inc.		
				0.390625%		
				Keystone, Inc.		
				0.390625%		
				Thru Line, Inc.		
				0.390625%		
				C. W. Samuels		
				0.390625%		
				Nationsbank of Texas, NA		

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
				Percentage	Percentage	Percentage
40	SE/4 NW/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	(as successor), Escrow Agent - Sobine Royalty Trust Atlantic Richfield Company	1.562500% 10.625000%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna Ione Hall, as Trustee of the Edna Ione Hall Living Trust Fina Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line, Inc. C. W. Sumuets Notionsbank of Texas, NA (as successor), Escrow Agent - Sobine Royalty Trust Atlantic Richfield Company	1.562500% 3.125000% 0.292969% 0.292969% 0.292969% 0.292968% 0.390625% 1.562500% 10.625000%	Atlantic Richfield Company
					11.250000%	ARCO * Meridian Oil Production Inc
						99.707031% 0.292969%
40A	SE/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	40	HBP	Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust Edna Ione Hall, as Trustee of the Edna Ione Hall Living Trust Fina Oil and Chemical Company Lee M. Bass, Inc.	1.562500% 3.125000% 0.292969%	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			Overriding Royalty Owner		Working Interest Owner	
				Percentage			Percentage		Percentage	
41	N/2 SW/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	80	HBP	Sid R. Boss, Inc.	0.292969%				45.312500%	ARCO
				Keystone, Inc.	0.292969%				15.380859%	Meridian Oil Production Inc.
				Thru Line, Inc.	0.292968%				2.343750%	Lee M. Boss, Inc.
				C. W. Samuels	0.390625%				2.343750%	Sid R. Boss Inc.
				Notionsbank of Texas, NA					2.343750%	Keystone Inc.
				(as successor), Escrow Agent -	1.562500%				2.343750%	Thru Line Inc.
				Sobine Royalty Trust						H.B. Fuqua, Trustee under the
				Atlantic Richfield Company	10.625000%					Last Will and Testament of
										Dolores Mooers, Dec'd
										First National Bank of
				Delltex Royalty Co., Inc	0.878906%				8.750000%	FL. Worth, Trustee
				Way Enterprises, Inc.	0.878906%				5.625000%	ORYX Energy Company
				Thomas H. Law, Hamilton					4.687500%	Mooers Oil Corporation
				Rodgers & Margaret Snyder	0.781250%				4.375000%	Delltex Royalty Company, Inc
				for Nancy S. Tilly Snyder	0.878906%				3.125000%	Way Enterprises, Inc.
				Beverly Anne Corter	0.585938%				0.244141%	* Meridian Oil Production Inc
				Joyce Ann Brown	0.292969%					
				B.A. Christmas, Jr.	0.073242%					
				Bradford Ace Christmas	0.073242%					
				Mary T. Christmas Holiday	0.073242%					
				Candy Christmas	0.073242%					
				Helen Jane Christmas Barbry	0.073242%					
				Heirs or Devisees of Alma						
				Pearl Edton Hughes Watkins.						
				Deceased	1.562500%					
				First National Bank of Lubbock						
				Successor Trustee of Beulah						
				H. Simmons Trust B F/B/O						
				Mary Jane Hand	0.219727%					
				First Mtl. Bank of Lubbock						
				Successor Trustee of						

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
				Percentage	Percentage	Percentage
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	J.E. Simmons Trust B - F/B/O Mary Jane Hand	0.219727%	
				First Ntl. Bank of Lubbock		
				Successor Trustee of Beulah		
				H. Simmons Trust A F/B/O		
				Jean Shipley Sullivan	0.219726%	
				First Ntl. Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust A		
				F/B/O Jean		
				Shipley Sullivan	0.219727%	
				Sid R. Boss, Inc.	0.292969%	
				Keystone, Inc.	0.292969%	
				Thru line	0.292969%	
				Lee M. Boss	0.292968%	
				Moers Oil Corporation	0.546875%	
				Alma E.H. Watkins	1.562500%	
				Rose Gann	0.390626%	
				Charlene Rogers	0.390624%	
				Teambank, N.A.	1.093750%	
				Successor Trustee U/W/O		
				Dolores Moers, Acct. #5976		
				NCNB Texas, Trustee of		
				the Moers Trust,		
				Trustee #1311	0.703125%	
				ARCO	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
				Percentage	Percentage	Percentage
between the subsurface depths of 5,000 feet and 5,500 feet.				Lee M. Boss		Sid R. Boss Inc.
				Mooers Oil Corporation		Keystone Inc.
				Alma E.H. Watkins		Thru Line Inc.
				Rose Gann		H.B. Fuqua, Trustee under the
				Charlene Rogers		Lost Will and Testament of
				Teambank, N.A.		Dolores Mooers, Dec'd
				Successor Trustee U/W/O		First National Bank of
				Dolores Mooers, Acct. #5976		Fl. Worth, Trustee
				NCNB Texas, Trustee of		ORyx Energy Company
				the Mooers Trust,		Mooers Oil Corporation
				Trustee #1311		Deltex Royalty Company, Inc
				ARCO		Woy Enterprises, Inc.
				First NLI. Bank of Lubbock		*Meridian Oil Production Inc.
				Successor Trustee of		
				J.E. Simmons Trust A		
				F/B/O Jeon		
				Shipley Sullivan		
				First NLI. Bank of Lubbock		
				Successor Trustee of Beulah		
				H. Simmons Trust A F/B/O		
				Jeon Shipley Sullivan		
				First National Bank of Lubbock		
				Successor Trustee of Beulah		
				H. Simmons Trust B F/B/O		
				Mary Jane Hand		
				First NLI. Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust B -		
				F/B/O Mary Jane Hand		
				Deltex Royalty Co., Inc		
				Woy Enterprises, Inc.		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
42A	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder		
				Beverly Anne Carter	0.781250%	
				Ollie Gann Cowden	0.781250%	
				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 Barby	0.073242%	
				Heirs or Devisees of Alma Pearl Eaton Hughes Watkins, Deceased	1.562500%	
				Sid R. Boss, Inc.	0.292969%	ARCO
				Keystone, Inc.	0.292969%	Lee M. Boss, Inc.
				Thru line	0.292969%	Sid R. Boss Inc.
				Lee M. Boss	0.292968%	Keystone Inc.
				Mooers Oil Corporation	0.546875%	Thru line Inc.
				Alma E.H. Watkins	1.562500%	H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd
				Rose Gann	0.390626%	First National Bank
				Charlene Rogers	0.390624%	of Ft. Worth, Trustee
				Teambank, N.A.	1.093750%	ORXX Energy Company
				Successor Trustee U/W/O Dolores Mooers, Acct. #5976		Mooers Oil Corporation
				NCNB Texas, Trustee of the Mooers Trust, Trustee #1311	0.703125%	Deltex Royalty Company, Inc
				ARCO	3.125000%	Woy Enterprises, Inc.
						*MeridianOil Production Inc.

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
				Percentage	Percentage	Percentage
	First NII, Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan			0.219727%		
	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 Deltex Royalty Co., Inc Woy Enterprises, Inc.			0.219727% 0.878906% 0.878906%		
	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.781250% 0.878906%		
	Joyce Ann Brown B.A. Christmas, Jr. Brodford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barby Heirs or Devisees of Alma			0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242%		

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
				Percentage	Percentage	Percentage
43	SE/4 SW/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	Pearl Eaton Hughes Watkins, Deceased	1.562500%	
				Sid R. Bass, Inc. Keystone, Inc. Thru Line	0.292969% 0.292969% 0.292969%	ARCO Lee M. Bass, Inc. Sid R. Bass Inc.
				Lee M. Bass Moers Oil Corporation	0.292968% 0.546875%	Keystone Inc. Thru Line Inc.
				Alma E.H. Watkins Rose Gann	1.562500% 0.390626%	H.B. Fuqua, Trustee under the Last Will and Testament of
				Charlene Rogers Teambank, N.A.	0.390624% 1.093750%	Dolores Moers, Dec'd First National Bank of
				Successor Trustee U/W/O Dolores Moers, Acct. #5976		Ft. Worth, Trustee
				MCNB Texas, Trustee of the Moers Trust, Trustee #1311	0.703125%	ORXX Energy Company
				ARCO	3.125000%	Moers Oil Corporation
				First Ntl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean		Detlex Royalty Company, Inc
				Shipley Sullivan	0.219727%	Woy Enterprises, Inc.
				First Ntl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O		*Meridian Oil Production Inc.
				Jean Shipley Sullivan	0.219726%	
				First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O		

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
				Percentage	Percentage	Percentage
				Mary Jane Hond First NLI, Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hond Dellex Royalty Co., Inc Way Enterprises, Inc. Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter		
				0.219727%		
				0.219727%		
				0.878906%		
				0.878906%		
				0.781250%		
				0.878906%		
				0.585938%		
				0.292969%		
				0.073242%		
				Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holiday Candy Christmas Helen Jane Christmas Barbry Heirs or Deviseses of Alma Pearl Edton Hughes Watkins, Deceased First NLI, Bank of Lubbock Successor Trustee under the Lost Wills and Testaments of J.E. Simmons and Beulah Simmons, Deceased		
				0.073242%		
				0.073242%		
				0.073242%		
				0.073242%		
				0.073242%		
				1.562500%		
				0.878906%		
				0.292969%		
				0.292969%		
44	NW/4 SE/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	Sid R. Boss, Inc. Keystone, Inc. Thru line		
				0.292969%		
				0.292969%		
				0.292969%		
				ARCO Lee M. Boss, Inc. Sid R. Boss Inc.		
				32.812500%		
				2.343750%		
				2.343750%		

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
				Percentage	Percentage	Percentage
between the subsurface depths of 5,000 feet and 5,450 feet				Lee M. Bass		Keystone Inc.
				Mooers Oil Corporation		Thru line Inc.
				Alma E.H. Watkins		H.B. Fuqua, Trustee under the
				Rose Gunn		Last Will and Testament of
				Charlene Rogers		Dolores Mooers, Dec'd
				Teambank, N.A.		First National Bank of
				Successor Trustee U/W/O		Ft. Worth, Trustee
				Dolores Mooers, Acct. #5976		ORXX Energy Company
				NCNB Texas, Trustee of		Mooers Oil Corporation
				the Mooers Trust,		Deltex Royalty Company, Inc
				Trustee #1311		Woy Enterprises, Inc.
				ARCO		* Meridian Oil Production Inc
				First Ntl. Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust A		
				F/B/O Jean		
				Shipley Sullivan		
				First Ntl. 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 Ntl. Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust B -		
				F/B/O Mary Jane Hand		
				Deltex Royalty Co., Inc		
				Woy Enterprises, Inc.		

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
				Percentage	Percentage	Percentage
	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmos, Jr.			0.292969%		
	Bradford Ace Christmos			0.073242%		
	Mary T. Christmos Holladay			0.073242%		
	Candy Christmos			0.073242%		
	Helen Jane Christmos Borby			0.073242%		
	Heirs or Deviseses of Almo Pearl Eaton Hughes Matkins,					
	Deceased			1.757813%		
	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 Elmo Turner			2.083333%		
	Calile Eaton Pyeatt			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Treview Eaton			0.195313%		
	linzy Hampie Eaton			0.195313%		
	Clarence Victor Eaton			0.195313%		
	Arlie 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		Overriding Royalty Owner		Working Interest Owner	
				Percentage	Owner	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		Sid R. Bass, Inc.	0.292969%		59.746796%	
					Keystone, Inc.	0.292969%		2.343750%	
					Thru line	0.292969%		2.343750%	
					Lee M. Bass	0.292968%		2.343750%	
					Mooers Oil Corporation	0.546875%		2.343750%	
					Alma E.H. Watkins	1.562500%			
					Rose Gann	0.390626%			
					Charlene Rogers	0.390624%			
					Teambank, N.A.	1.093750%			
					Successor Trustee U/W/O				
					Dolores Mooers, Acct. #5976				
					NCNB Texas, Trustee of				
					the Mooers Trust,				
					Trustee #1311	0.703125%			
				ARCO	3.125000%				
					First Ntl. Bank of Lubbock				
					Successor Trustee of				
					J.E. Simmons Trust A				
					F/B/O Jean				
					Shipley Sullivan	0.219727%			
					First Ntl. 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				
					First Ntl. Bank of Lubbock	0.219727%			
					Successor Trustee of				
					J.E. Simmons Trust B -				

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	F/B/O Mary Jane Hand			0.219727%		
	Deltex Royalty Co., Inc			0.878906%		
	Woy Enterprises, Inc.			0.878906%		
	Thomas H. Low, Hamilton					
	Rodgers & Margaret Snider					
	for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	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 Barby			0.073242%		
	Hers or Deviseses of Alma					
	Pearl Eaton Hughes Watkins,					
	Deceased			1.562500%		
	William Riley Eaton			1.302083%		
	Kathryn Pearl Gordon			0.156250%		
	Marilyn Jean Craig			0.156250%		
	Air Wanda Jean Stutzman			0.156250%		
	Raymond Harrison Eaton			0.156250%		
	Helen May Hamilton			0.156250%		
	Doisey Elma Turner			2.083333%		
	Callie Eaton Pyeatt			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Trevor Eaton			0.195313%		
	Linzey Hompie Eaton			0.195313%		
	Heirs or Deviseses of Alma					
	Pearl Eaton Hughs Watkins,					

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	
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	Deceased	0.195313%			ARCO	32.812500%
				Clarence Victor Eaton	0.195313%			Meridian Oil Production, Inc	27.685547%
				Artie Mae Eaton Wilson	0.195313%			Lee M. Boss, Inc.	2.343750%
				Charlie E. Eaton	0.195313%			Sid R. Boss Inc.	2.343750%
								Keystone Inc.	2.343750%
								Thru Line Inc.	2.343750%
								H.B. Fuqua, Trustee under the	
								last Will and Testament of	
								Dolores Mooers, Dec'd	8.750000%
								First National Bank of	
				Sid R. Boss, Inc.	0.292969%			Ft. Worth, Trustee	5.625000%
				Keystone, Inc.	0.292969%			ORIX Energy Company	4.687500%
				Thru line	0.292969%			Mooers Oil Corporation	4.375000%
				Lee M. Boss	0.292968%			Dellx Royalty Company, Inc	3.125000%
				Mooers Oil Corporation	0.546875%			Way Enterprises, Inc.	3.125000%
				Alma E.H. Molkins	1.562500%			*Meridian Oil Production Inc.	0.439453%
				Rose Gann	0.390626%				
				Charlene Rogers	0.390624%				
				Teambank, N.A.	1.093750%				
				Successor Trustee U/W/O					
				Dolores Mooers, Acct. #5976					
				NCNB Texas, Trustee of					
				the Mooers Trust,					
				Trustee #1311	0.703125%				
				ARCO	3.125000%				
				First Ntl. Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					
				Shipley Sullivan	0.219727%				
				First Ntl. Bank of Lubbock					
				Successor Trustee of Beulah					
				H. Simmons Trust A F/B/O					
				Jean Shipley Sullivan	0.219726%				
				First National Bank of Lubbock					

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
				Percentage	Percentage	Percentage
	Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand			0.219727%		
	First NLI Bank of Lubbock Successor Trustee of J.E. Simmons Trust B – F/B/O Mary Jane Hand			0.219727%		
	Deltex Royalty Co., Inc Woy Enterprises, Inc.			0.878906%		
	Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.878906%		
	Beverly Anne Carter			0.781250%		
				0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmos, Jr.			0.292969%		
	Bradford Ace Christmos			0.073242%		
	Mary T. Christmos Holladay			0.073242%		
	Candy Christmos			0.073242%		
	Helen Jane Christmos Barbry			0.073242%		
	Heirs or Devisees of Almo					
	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 Stulzman			0.156250%		
	Raymond Harrison Eaton			0.156250%		
	Helen Moy Hamilton			0.156250%		
	Daisy Elmo Turner			2.083333%		
	Callie Eaton Pyeatt			0.260417%		

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
				Percentage	Percentage	Percentage
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	Jennie Lois Eaton Hodges	0.195313%	
				William Henry Eaton	0.195313%	
				Charlie Trevor Eaton	0.195313%	
				Linzy Hampie Eaton	0.195313%	
				Heirs or devisees of Alma Pearl Eaton Hughes Matkins, Deceased	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
				Keystone, Inc.	0.292969%	Meridian Oil Production, Inc
				Thru Line	0.292969%	Lee M. Bass, Inc.
				Lee M. Bass	0.292968%	Sid R. Bass Inc.
				Moers Oil Corporation	0.546875%	Keystone Inc.
				Alma E.H. Matkins	1.562500%	Thru Line Inc.
				Rose Gann	0.390626%	H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Moers, Dec'd
				Charlene Rogers	0.390624%	
				Teambank, N.A.	1.093750%	8.750000%
				Successor Trustee U/W/O Dolores Moers, Acct. #5976		First National Bank of Ft. Worth, Trustee
				NCNB Texas, Trustee of the Moers Trust,		5.625000%
				Trustee #1311	0.703125%	4.687500%
				ARCO	3.125000%	ORYX Energy Company
				First NII, Bank of Lubbock		Moers Oil Corporation
				Successor Trustee of J.E. Simmons Trust A		4.375000%
				F/B/O Jeon		Dellex Royalty Company, Inc
						3.125000%
						Way Enterprises, Inc.
						3.125000%
						* Meridian Oil Production Inc
						0.439453%

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
				Percentage	Percentage	Percentage
	Shipley Sullivan			0.219727%		
	First NLI. 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 NLI. Bank of Lubbock					
	Successor Trustee of					
	J.E. Simmons Trust B -			0.219727%		
	F/B/O Mary Jane Hand			0.878906%		
	Deltex Royalty Co., Inc			0.878906%		
	Way Enterprises, Inc.					
	Thomas H. Law, Hamilton					
	Rodgers & Margaret Snider					
	for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmos, Jr.			0.292969%		
	Bradford Ace Christmos			0.073242%		
	Mary T. Christmos Holiday			0.073242%		
	Candy Christmos			0.073242%		
	Helen Jane Christmos Barby			0.073242%		
	Heirs or Deviseses of Almo					
	Pearl Eaton Hughes Matkins,					
	Deceased			1.562500%		
	William Riley Eaton			1.302083%		
	Kathryn Pearl Gordon			0.156250%		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
46	NE/4 NW/4 Section 14, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Marilyn Joan Craig	0.156250%	ARCO
				Air Wanda Jean Stutzman	0.156250%	
				Raymond Harrison Eaton	0.156250%	
				Helen May Hamilton	0.156250%	
				Daisey Elma Turner	2.083333%	
				Callie Eaton Pyeatt	0.260417%	
				Jennie Lois Eaton Hodges	0.195313%	
				William Henry Eaton	0.195313%	
				Charlie Trevor Eaton	0.195313%	
				Linzey Hampie Eaton	0.195313%	
				Herrs or Deviseses of Alma		
				Pearl Eaton Hughes Matkins,		
				Deceased	0.195313%	
				Clarence Victor Eaton	0.195313%	
				Artie Mae Eaton Wilson	0.195313%	
				Charlie E. Eaton	0.195313%	
				Laura R. Stuart	0.076039%	
				Anne Stuart Marble	0.076039%	
				Deso L. Lee Laird	0.260430%	
				Mourine Johnson, Trustee	0.062502%	
				John J. Redfern III		
				Ind. Executor of the Estate		
				of John J. Redfern, Jr.	0.234374%	
				Lillie M. Yates, Frank W. Yates		
				and S. P. Yates, Personal		
				Representatives O/E/O		
				Martin Yates III	0.219440%	
				NCNB Texas National Bank		
				Trustee of the Donald L.		

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	Working Interest
				Percentage		Percentage	Percentage
	Jones Trust			0.260422%			
	NCNB Texas National Bank						
	Trustee of the Lattie D.						
	Jones Trust			0.260422%			
	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%			
	Polsty Ann Iverson Page			0.071134%			
	B. Broodrick			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 Kostman			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 Mehltrop			1.302160%			

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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Amerado Hess Corporation			3.125000%		
	Earle M. Simon			0.002400%		
	Harry Levy			0.002400%		
	Yeva K. Nelson			0.009800%		
	Margaret R. Ellison			0.001200%		
	C. S. Daley			0.002500%		
	Joseph Nelson			0.004900%		
	Ellis Rudy			0.018100%		
	Ritts Royalty Company					
	Bank of Oklahoma Tulsa NA					
	Agent & Atty-in-Fact			0.752300%		
	Joy Rene Pope			0.048900%		
	Gaylene Ashcraft			0.048800%		
	Beverly B. Nelson			0.002400%		
	Judd Moore			0.047700%		
	Marion U. & Donald B. Heard			0.162700%		
	Mildred Smith Rawls			0.010330%		
	Magabel Smith Rule			0.010330%		
	Cassius L. Smith			0.011620%		
	Rosa Lee Smith Johnson			0.010990%		
	Katie Smith Hazelhurst			0.010330%		
	Eva W. Grohm			0.010330%		
	Mary Smith Bowers			0.010330%		
	Richard L. Cromatie, Jr.			0.008720%		
	Jane Cromatie Williams			0.011950%		
	T. L. Woolen			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%		

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
				Percentage	Percentage	Percentage
	Harry E. Smith			0.005170%		
	Harry Eldon Smith			0.000650%		
	Mary M. Smith			0.010330%		
	Maude S. Smith			0.010330%		
	R. P. Smith			0.011620%		
	Robert H. Smith			0.001300%		
	Dudley M. Smith			0.000650%		
	Leng 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 Liehold			0.002530%		
	William M. Diltner, Sr.			0.002530%		
	John A. Diltner			0.002530%		
	Albert Diltner			0.003380%		
	Charles A Burgess			0.040500%		
	Ellen E. Booker			0.002530%		
	Luella Boes Forwarder			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 & Clorabelle					
	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%		

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
				Percentage	Percentage	Percentage
	G. I. Blankenship Texas American Bank, Successor Trustee U/W/O Dolores Mooers, Acct #5976			0.605500%		0.989100%
	MCNB Texas National Bank of Ft. Worth, Trustee U/A of the Canpey Hanger et al Mooers 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 Hottie C. Williams Trust U/W dated 8-10-81			0.195300%		
	Betty L. Aronle Beams Minerals Company			0.005170%		
	Susan Lamb Griffith			0.039200%		
	John Austin Rittenhouse			0.000300%		
	Judith Rittenhouse			0.000300%		
	Thomas W. Tucker c/o Susan L. Griffith			0.000060%		
	April Elizabeth Tucker			0.000060%		
	Floyd M. Melton, Jr. Guardian for Molly Catherine Lamb			0.000060%		
	Floye M. Melton, Jr. Guardian for Loren Tyner Lamb			0.000060%		
	Libby L. Underwood Morrish			0.002400%		

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
48	E/2 NW/4, NW/4 NE/4 Section 23, N/2 NW/4, SW/4 NW/4 Section 24, T-25-S, R-37-E, Leo County, New Mexico	240	HBP	TOC-Gulf Coast Inc.		
				c/o Fina Oil & Chemical Co.	0.390700%	
				Moore's Oil Corporation	0.494550%	
				Steven R. Fine	0.005810%	
				Kathleen F. Smith	0.010330%	
				R. E. Guest, Oil Producer	0.001000%	
				Sharon Antoinette Dumas	0.0520850%	
				Jerry N. Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	
				Joan N. Brown	0.0039075%	
				Mark A. Hannifin	0.130213%	
				American State Bk and Martha McEvoy Pope, Co-Trustees of the		
				Hattie C. Williams Trust	0.781300%	
				Louella M. Kelly, Life Estate	0.113270%	
				James M. Morey and The Liberty N1/1 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. Low and James						

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
	B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%		
	Douglas Cone Trust, Marilyn Cone Trustee			0.089840%		
	The New Mexico Co. P.O. Box 2479			0.130212%		
	Leon Binkley & Donna Frost as Personal Rep.s of the Estate of Kathleen Cone			0.449200%		
	Amarillo N°1 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			0.906360%		
	Konoly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust					
	North Central Oil Corp.			0.585900%		
	Southland Royalty Co.			1.093700%		
	Jo Ann SeEVERS Trustee of the Trust created in the w/o James N. SeEVERS			0.022659%		
	S.E. Cone Jr.			0.833330%		

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
				Percentage	Percentage	Percentage
	Marjorie Cone Kostman			0.833330%		
	Christine Toles Elliott			0.065100%		
	Eunice Cone Gibson			0.156300%		
	Marybeth Toles Mongum			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			0.089840%		
	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%		
	Phillip Lewis Lee			0.130200%		
	Randolph Polmer 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 Nislor			0.195300%		
	American St. Bk. & Ora Lee Nislor Co-Trustees of the					
	O.L. Nislor, Jr. Trust			0.097650%		
	American St. Bk & Ora Lee Nislor Co-Trustees of the					
	Robert Nislor Trust			0.097650%		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	NCNB Texas NII 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%		
	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%		
	SEW Trust, A.L. Mangum, Jr., Trustee			0.008138%		

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
				Percentage	Percentage	Percentage
49	NE/4 NE/4 Section 23, T-25-S, R-37-E Leo County, New Mexico	40	HBP	Lyeth Oil Trust		
				Ira L. Elliot		
				E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees		
				Toles-COM Ltd.		
				Katherine Cone Keck		
				Joan Brown Trust, American St Bk and Jerry N. Nislar, Trustee		
				Niky Rotliff, Nancy Wallace and Joel Nislar Trust, American Sto St Bk and Jerry Nislar, Co-Trustees		
				Joe S. Nislar Estate		
				Ora L. Nislar and American St Bk. Co-Trustees		
49	NE/4 NE/4 Section 23, T-25-S, R-37-E Leo County, New Mexico	40	HBP	Sharon Antoinette Dumas		ARCO
				Jerry N. Nislar		Doyle Horton and wife,
				Mildred Nislar		Margaret Horton
				Joan N. Brown		James A. Davidson, separate property
				Mark A. Hannifin		Larry A. Nernyr, separate property
				American State Bk and Martha McEvoy Pope, Co-Trustees of the		James E. Burr and wife,
				Hollie C. Williams Trust		LoVeto Burr
				Louella M. Kelly, Life Estate		Jack Fletcher and wife,
				James M. Morey and The Liberty Natl BK,		Delphio Fletcher

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
				Percentage		Percentage		Percentage	
	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. Low and James B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%					
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co. P.O. Box 2479			0.130212%					
	Leon Binkley & Donna Frost as Personal Rep.s of the Estate of Kathleen Cone			0.449200%					
	Amarillo M't'l Bk as Trustee for Sudo 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			0.906360%					

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
				Percentage	Percentage	Percentage
	Kanoly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%		
	North Central Oil Corp. Southland Royalty Co.			1.093700%		
	Jo Ann SeEVERS Trustee of the Trust created in the w/o James N. SeEVERS			1.562500%		
	S.E. Cone Jr. Marjorie Cone Kaslman Christine Toles Elliott Eunice Cone Gibson Morybeth Toles Mangum Robert Mosbacher I Acct.			0.022659%		
	J. Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust			0.833330%		
	Atlantic Richfield Company Cathie Auvenshine Stewart Bochman, Jr. Kenneth G. Cone Clifford Cone			0.833330%		
	Tom R. Cone Alyne Kelly Fuller John H. Hendrix Corp. Katherine Adeline Cone Keck Robert Jackson Kelly, III Phillip Lewis Lee Randolph Palmer Lee Edwin D. Lee			0.065100%		
				0.781200%		
				0.089840%		
				0.101570%		
				0.089840%		
				0.089840%		
				0.089840%		
				0.037763%		
				0.260425%		
				0.833340%		
				0.018887%		
				0.130200%		
				0.260400%		
				0.130200%		

EXHIBIT "B"

10 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
				Percentage		Percentage		Percentage	
	Robert Mosbacher A Ac			0.046900%					
	Robert Mosbacher T Ac			0.046900%					
	Robert Mosbacher K Ac			0.046900%					
	Ora Lee Nistlar			0.195300%					
	American St. Bk. & Ora Lee								
	Nistlar Co-Trustees of the								
	O.L. Nistlar, Jr. Trust			0.097650%					
	American St. Bk & Ora Lee								
	Nistlar Co-Trustees of the								
	Robert Nistlar Trust			0.097650%					
	NCNB Texas NII 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 Stinger			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								

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
				Percentage	Percentage	Percentage
50	SE/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	HBP	Trust, Jimmy D. Morey and Mory Morey, Trustees	0.146484%	ARCO Doyle Hartman and wife, Margaret Hartman
				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. Elliot	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 St Bk and Jerry N. Nislar, Trustee	0.039063%	
				Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sto St Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Ora L. Nislar and American St Bk. Co-Trustees	0.039063%	
				Sharon Antoinette Dumas Jerry N. Nislar Mildred Nislar	0.0520850% 0.0039075% 0.0078150%	

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
				Percentage	Percentage	Percentage
	Joan N. Brown			0.0039075%		Joe Mobee, marital status unknown
	Mark A. Hannifin			0.130213%		Apache
	American State Bk and					Headington Minerals, Inc.
	Martha McEvoy Pope,					James A. Davidson, separate property
	Co-Trustees of the			0.781300%		Meridian Oil Production, Inc.
	Hattie C. Williams Trust					*El Paso Production Co.
	Louella M. Kelly,			0.113270%		Betty Lou Linehan, separate property
	Life Estate					Barbara Lu Ratliff, separate property
	James M. Morey and					J. Steve Anderson, marital status unknown
	The Liberty Nat'l Bk,					J. L. Burkhardt, marital status unknown
	Co-Trustees of the Onez					Larry A. Nernyr, as his separate property
	Norman Rooney					James E. Burr and wife,
	Testamentary Trust,					Loyeta Burr
	Trust # 1143074008			0.292950%		Jack Fletcher and wife,
	Jimmy D. Morey and					Delphio Fletcher
	Mary M. Morey,					
	Co-Trustees of the					
	Jimmy D. Morey					
	Revocable Trust			0.146475%		
	Marilyn M. low and James					
	B. low, Co-Trustees of the					
	Marilyn M. low Revocable					
	Trust			0.146475%		
	Douglas Cone Trust,					
	Marilyn Cone Trustee			0.089840%		
	The New Mexico Co.					
	P.O. Box 2479			0.130212%		
	Leon Binkley & Donna					
	Frost as Personal Rep.s					
	of the Estate of					
	Kathleen Cone			0.449200%		

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
				Percentage		Percentage		Percentage	
	Amarillo N ¹ / ₄ Bk as Trustee for Suda Willis Oles			0.113300%					
	Revocable Trust								
	Emil Mosbacher Jr. "C" Acct.			0.046900%					
	c/o R. Bruce Mosbacher								
	Emil Mosbacher Jr. "A " Acct.			0.046800%					
	c/o R. Bruce Mosbacher								
	Emil Mosbacher Jr. "B" Acct.			0.469000%					
	c/o R. Bruce Mosbacher			0.906360%					
	Jo Ann SeEVERS								
	Kanaly 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 SeEVERS Trustee of								
	the Trust created in the								
	w/o James N. SeEVERS			0.022659%					
	S.E. Cone Jr.			0.833330%					
	Marjorie Cone Kostmon			0.833330%					
	Christine Toles Elliott			0.065100%					
	Eunice Cone Gibson			0.156300%					
	Maybeth Toles Mangum			0.065100%					
	Robert Mosbacher I 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			0.089840%					
	Stewart Bachman, Jr.			0.101570%					

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
				Percentage	Percentage	Percentage
	Kenneth G. Cone			0.089840%		
	Clifford Cone			0.089840%		
	Tom R. Cone			0.089840%		
	Alyne Kelly Fuller			0.037763%		
	John H. Hendrix Corp.			0.260425%		
	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 Nistar			0.195300%		
	American Sl. Bk. & Ora Lee					
	Nistar Co – Trustees of the					
	O.L. Nistar, Jr. Trust			0.097650%		
	American Sl. Bk & Ora Lee					
	Nistar Co – Trustees of the					
	Robert Nistar Trust			0.097650%		
	NCNB Texas NII 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			0.113295%		
	doted 7/27/1975.					
	Barbara Mosbacher B AC			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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Barbara Mosbacher C AC			0.046800%		
	Barbara Mosbacher S AC			0.046900%		
	Mary Louise Stinger			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. 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%		
	Joon Brown Trust, American St Bk and Jerry N. Nislar, Trustee			0.039063%		
	Niky Ratliff, Nancy Wallace and Joel Nislar Trust,					

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
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, Leo County, New Mexico	320	HBP	American Sto St Bk and Jerry Nislar, Co-Trustees	0.019531%				
				Joe S. Nislar Estate	0.078125%				
				Ora L. Nislar and American St Bk. Co-Trustees	0.039063%				
				Ernie W. Turner	0.520710%			ARCO	100%
				Leck A. Jones	0.520710%				
				Lara Alison Wimberley Trust	0.032550%				
				Cloy David Wimberley Trust	0.032550%				
				Laura Heeley Wimberly Trust	0.032560%				
				Emily Ann Wimberley Trust	0.032550%				
				Jesse Jameson Berg Trust	0.032550%				
52	W/2 SW/4 Section 19, T-25-S, R-38-E, Leo County, New Mexico, below 5,000 feet	80	HBP	Mary Megan Berg Trust	0.032550%				
				Alice W. Nielson	0.585940%				
				Lewie-Lane Wimberley Tisdall	2.604680%				
				Lewis Woodrow Wimberley	1.041410%				
				Benita Jean Birgningham	0.781250%				
				Lillian Bell	0.015700%			Texaco	35.000000%
				Beatrice Bray Blackburn	0.019530%			Meridian Oil Production, Inc. (Operator)	21.093750%
				G. I. Blankenship	0.781250%			Caspian Oil Inc.	15.468750%
				J. O. Buffington	0.015700%			Elliott Oil Co.	6.250000%
				Mollie Buffington Estate				ARCO	6.250000%
				Pansy Weaver Administrator	0.036620%			Kathleen Cone	2.343750%
				Texas State Treasurer F/A/O				J. R. Cone, et ux	2.343750%
				W. I. Buffington	0.015700%			A. L. Cone Partnership	2.343750%
				William W. Carlin	0.781250%			Ann H. Taylor	0.772060%
				John J. Christmann	0.024410%				

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	
				Percentage	Percentage	Percentage	
	Michael R. Collins			0.195310%		First Century Oil, Inc.	0.694850%
	F. Ferrell Davis			0.097650%		Patricia Penrose Schieffer	0.501830%
	Paul L. Davis, Jr.			0.097660%		Douglas Cone	0.468750%
	Fairway Oil & Gas Company			0.024410%		Clifford Cone	0.468750%
	The Helner Company			0.468750%		Thomas R. Cone	0.468750%
	Jack Markham			0.024410%		Kenneth G. Cone	0.468750%
	J. Hiram Moore, Betty Jane					Cathie Cone Auveshine	0.468750%
	Moore and Michael Harrison					Colleen M. Wallace	0.386030%
	Moore, Trustees			0.146480%		Robert L. McPherson	0.386030%
	United NM Trust Co. Trustee					Charles B. Read	0.386030%
	for Nevada Childrens					Donaldson Brown Trust A/C	0.347430%
	Foundation Inc., Reno Cancer					W.K. Byrom	3.088240%
	Center & Nevada TB &						
	Health Association			0.292970%			
	Charles B. Read			0.146480%			
	Linda Robison			0.015700%			
	Royally Holding Company			2.343750%			
	Shriners Hospital for Crippled						
	Children			0.097660%			
	Eunice L. Smith						
	c/o B. L. Reeves			0.015700%			
	Jonl Tyson			0.048820%			
	Gertrude Olinger Tyson			0.097660%			
	James M. Welborn			0.024410%			
	NCNB Texas National Bank						
	Trustee, Trust #1311			0.820310%			
	Dolores Mooers Trust						
	Team Bank						
	Fort Worth Successor						
	Trustee, Acct #5976			1.276050%			

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
				Percentage	Percentage	Percentage
	Ivan L. Hall			0.015700%		
	Kathryn Everett Broy			0.019530%		
	Trust Corp of Montana					
	FBO Bessie L. Whelan			0.058590%		
	Peter Bates Tyson Estate					
	Joint Tyson Successor Ind. Executor			0.048820%		
	ARCO			6.250000%		
	Moers 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%		
	Rosolind Redfern Grover			0.008130%		
	Roberto Redfern Garst			0.008140%		
	Corinne C. Hightower Trust					
	James Vance Stock, 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. Borton Jr.			0.019530%		
	Mark E. Hodge			0.019530%		
	James Vance Cowan, Trustee			0.260420%		
	Benjamin Scott Cowan Trust					
	Jack Vance Cowan, Trustee			0.260420%		

EXHIBIT "B"

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

It. No.	Description of Land	Acres	Lease Status	Basic Royalty Percentage	Owner	Overriding Royalty Percentage	Owner	Working Interest Percentage	Owner
53	SE/4 NW/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	40	unleased	ARCO	12.500000%			ARCO	100%
TOTAL PAIEMTED ACREAGE - 1,640.0 PERCENTAGE OF UNIT (SURFACE ACRES) - 30.6%									

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

EXHIBIT "C"

Attached to and made a part of that certain Unit Agreement dated _____, 19____, for the South Justis Unit located in Lea County, New Mexico

<u>TRACT NUMBER</u>	<u>UNIT PARTICIPATION PERCENT</u>
1	.648309
2	1.377364
3	3.383153
4	.813426
5	.821711
6	2.192094
7	1.829734
8	1.893095
9	1.278368
10	3.083234
11	1.850652
12	10.129934
13	.548765
14	1.040874
15	3.337506
16	1.915857
17	3.121720
18	.043063
19	1.277488
20	1.491918
21	2.323008
22	.837075
23	2.052803
24	.961458
25	1.197228
26	.921097
27	1.308680
28	.187129
28A	.202856
29	1.432614
30	2.359737
31	1.980553
32	1.154044
33	.436277
34	7.759747
35	4.153733
36	.165335
37	.288605
38	.281110

TRACT NUMBER**UNIT PARTICIPATION PERCENT**

39	.821142
39A	.160596
39B	.032708
40	.264797
40A	.051745
41	1.323544
42	.857037
42A	.353997
43	.535326
44	.054053
44A	.003731
45	.242369
45A	.044356
46	.768106
47	5.783629
48	6.745838
49	.825193
50	1.738529
51	5.893882
52	.453910
53	.964153
<hr/>	
TOTAL	100.000000
STATE	15.484354
FEDERAL	55.861953
<u>FEE</u>	<u>28.653693</u>
TOTAL	100.000000

EXHIBIT "5"

REPORT OF UNIT OPERATOR
ON UNITIZATION DIVISION
ARCO
EXHIBIT NO. 5
CASE NO. 10552/10553/10554

UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
SOUTH JUSTIS UNIT
COUNTY OF LEA
STATE OF NEW MEXICO

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**UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
SOUTH JUSTIS UNIT
LEA COUNTY, NEW MEXICO**

THIS AGREEMENT, entered into as of the 1st day of September, 1992, by and between the parties subscribing, ratifying or consenting hereto, and herein referred to as the "parties hereto."

WITNESSETH:

WHEREAS, the parties hereto are the owners of working, royalty or other oil and gas interests in the unit area subject to this agreement; and

WHEREAS, the Mineral Leasing Act of February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. Secs. 181 et seq., authorizes Federal lessees and their representatives to unite with each other, or jointly or separately with others in collectively adopting and operating a cooperative or unit plan of development or operation of any oil or gas pool, field, or like area, or any part thereof for the purpose of more properly conserving the natural resources thereof whenever determined and certified by the Secretary of the Interior to be necessary or advisable in the public interest; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 1, Chapter 88, laws 1943, as amended by Section 1 of Chapter 176, Laws of 1961) (Chapter 19, Article 10, Section 45, New Mexico Statutes 1978 Annotated), to consent to and approve the development of operation of State lands under agreements made by lessees of State land jointly or severally with other lessees where such agreements provide for the unit operation or development of part of or all of any oil or gas pool, field or area; and

WHEREAS, the Commissioner of Public Lands of the State of New Mexico is authorized by an Act of the Legislature (Section 1, Chapter 88, laws 1943, as amended by Section 1, Chapter 162, laws of 1951) (Chapter 19, Article 10, Section 47, New Mexico Statutes 1978 Annotated) to amend with the approval of lessee, evidenced by the lessee's execution of such agreement or otherwise, any oil and gas lease embracing State lands so that the length of the term of said lease may coincide with the term of such agreements for the unit operation and development of part or all of any oil or gas pool, field or area; and

WHEREAS, the Oil Conservation Division of the State of New Mexico (hereinafter referred to as the "Division") is authorized by an Act of the Legislature (Chapter 72, Laws of 1935 as amended) (Chapter 70, Article 2, Section 2 et seq., New Mexico Statutes 1978 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the Oil Conservation Division of the Energy and Minerals Department of the State of New Mexico is authorized by law (Chapter 65, Article 3, and Article 14, N.M.S. 1953 Annotated) to approve this Agreement and the conservation provisions hereof; and

WHEREAS, the parties hereto hold sufficient interest in the Unit Area covering the land hereinafter described to give reasonable effective control of operations therein; and

WHEREAS, it is the purpose of the parties hereto to conserve natural resources, prevent waste and secure other benefits obtainable through development and operation of the area subject to this agreement under the terms, conditions and limitations herein set forth:

NOW, THEREFORE, in consideration of the premises and the promises herein contained, the parties hereto commit to this agreement their respective interests in the below-defined unit area, and agree severally among themselves as follows:

1 **1. ENABLING ACT AND REGULATIONS.** The Mineral Leasing Act of
2 February 25, 1920, as amended, supra, and all valid, pertinent regulations, including operating
3 and unit plan regulations, heretofore issued thereunder or valid, pertinent and reasonable
4 regulations hereafter issued thereunder are accepted and made a part of this agreement as to
5 Federal Lands, provided such regulations are not inconsistent with the terms of this agreement;
6 and as to Non-Federal Lands, the oil and gas operating regulations in effect as of the effective
7 date hereto governing drilling and producing operations, not inconsistent with the terms hereof
8 or the laws of the state in which the non-Federal land is located, are hereby accepted and made a
9 part of this Agreement.

10
11 **2. UNIT AREA AND DEFINITIONS.**

- 12
13 (a) "Unit Area" is defined as those lands described in Exhibit "B" and depicted on
14 Exhibit "A" hereof and such land is hereby designated and recognized as
15 constituting the Unit Area, containing 5,360 acres, more or less, in Lea County,
16 New Mexico.
- 17
18 (b) "Land Commissioner" is defined as the Commissioner of Public Lands of the State
19 of New Mexico.
- 20
21 (c) "Division" is defined as the Oil Conservation Division of the Department of Energy
22 and Minerals of the State of New Mexico.
- 23
24 (d) "Authorized Officer" or "A.O." is any employee of the Bureau of Land
25 Management who has been delegated the required authority to act on behalf of the
26 BLM.
- 27
28 (e) "Secretary" is defined as the Secretary of the Interior of the United States of
29 America, or his duly authorized delegate.
- 30
31 (f) "Department" is defined as the Department of the Interior of the United States of
32 America.
- 33
34 (g) "Proper BLM Office" is defined as the Bureau of Land Management office having
35 jurisdiction over the federal lands included in the Unit Area.
- 36
37 (h) "Unitized Formation" shall mean that interval underlying the Unit Area, the vertical
38 limits of which extended from an upper limit which is the top of the Justis Blinbry
39 Field to a lower limit at the top of the Abo formation, as seen on the Type Log
40 from the Amerada Hess Ida Wimberley #4 located at 660' FSL and 990' FWL,
41 Section 24, T-25-S, R-37-E, and is that interval which is correlative to the interval
42 from 4,980' to 6,180' below the surface measured from the kelly bushing. The
43 Blinbry marker has been defined by the New Mexico Oil Conservation
44 Commission (NMOCC) at a depth of 4,980 feet (elevation 3,081' sub-sea datum-
45 1899) in Amerada's Ida Wimberley #4, located in SW/4 SW/4 of Section 24, T-25-
46 S, R-37-E, Lea County, New Mexico.
- 47
48 (i) "Unitized Substances" are all oil, gas, gaseous substances, sulphur contained in gas,
49 condensate, distillate and all associated and constituent liquid or liquefiable
50 hydrocarbons, other than outside substances, within and produced from the
51 Unitized Formation.
- 52
53 (j) "Tract" is each parcel of land described as such and given a Tract number in
54 Exhibit "B".
- 55
56 (k) "Tract Participation" is defined as the percentage of participation shown on Exhibit
57 "C" for allocating Unitized Substances to a Tract under this Agreement.
- 58
59 (l) "Unit Participation" is the sum of the percentages obtained by multiplying the
60 Working Interest of a Working Interest Owner in each Tract by the Tract
61 Participation of such Tract.

- (m) "Working Interest" is the right to search for, produce and acquire Unitized Substances whether held as an incident of ownership of mineral fee simple title, under an oil and gas lease, operating agreement, or otherwise held, which interest is chargeable with and obligated to pay or bear, either in cash or out of production, or otherwise, all or a portion of the cost of drilling, developing and producing the Unitized Substances from the Unitized Formation and operations thereof hereunder. Provided that any royalty interest created out of a working interest subsequent to the execution of this Agreement by the owner of the working interest shall continue to be subject to such working interest burdens and obligations.
- (n) "Working Interest Owner" is any party hereto owning a Working Interest, including a carried working interest owner, holding an interest in Unitized substances by virtue of a lease, operating agreement, fee title or otherwise. The owner of oil and gas rights that are free of lease or other instrument creating a Working Interest in another shall be regarded as a Working Interest Owner to the extent of seven-eighths (7/8ths) of his interest in Unitized Substances, and as a Royalty Owner with respect to his remaining one-eighth (1/8th) interest therein.
- (o) "Royalty Interest" or "Royalty" is an interest other than a Working Interest in or right to receive a portion of the Unitized Substances or the proceeds thereof and includes the royalty interest reserved by the lessor or by an oil and gas lease and any overriding royalty interest, oil payment interest, net profit contracts, or any other payment or burden which does not carry with it the right to search for and produce unitized substances.
- (p) "Royalty Owner" is the owner of a Royalty Interest.
- (q) "Unit Operating Agreement" is the agreement entered into by and between the Unit Operator and the Working Interest Owners as provided in Section 9, infra, and shall be styled "Unit Operating Agreement, South Justis Unit, Lea County, New Mexico".
- (r) "Oil and Gas Rights" is the right to explore, develop and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.
- (s) "Outside Substances" is any substance obtained from any source other than the Unitized Formation and injected into the Unitized Formation.
- (t) "Unit Manager" is any person or corporation appointed by Working Interest Owners to perform the duties of Unit Operator until the selection and qualification of a successor Unit Operator as provided for in Section 7 hereof.
- (u) "Unit Operator" is the party designated by Working Interest Owners under the Unit Operating Agreement to conduct Unit Operations.
- (v) "Unit Operations" is any operation conducted pursuant to this Agreement and the Unit Operating Agreement.
- (w) "Unit Equipment" is all personal property, lease and well equipment, plants, and other facilities taken over or otherwise acquired for the joint account for use in Unit Operations.
- (x) "Unit Expense" is all cost, expense, or indebtedness incurred by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of Unit Operations.
- (y) "Effective Date" is the date determined in accordance with Section 24, or as redetermined in accordance with Section 39.

1
2 **3. EXHIBITS.** The following exhibits herein are incorporated being by reference:
3 Exhibit "A" attached hereto is a map showing the Unit Area and the boundaries and identity of
4 tracts and leases in said Unit Area to the extent known to the Unit Operator. Exhibit "B"
5 attached hereto is a schedule showing, to the extent known to the Unit Operator, the acreage
6 comprising each Tract, percentages and kind of ownership of oil and gas interests in all land in
7 the Unit Area. Exhibit "C" lists Tract Participation of each Tract. However, nothing herein or
8 in said schedule or map shall be construed as a representation by any party hereto as to the
9 ownership of any interest other than such interest or interests as are shown in said map or
10 schedule as owned by such party. The shapes and descriptions of the respective Tracts have
11 been established by using the best information available. Each Working Interest Owner is
12 responsible for supplying Unit Operator with accurate information relating to each Working
13 Interest Owner's interest. If it subsequently appears that any Tract, because of diverse royalty or
14 working interest ownership on the Effective Date hereof, should be divided into more than one
15 Tract, or when any revision is requested by the A.O., or any correction of any error other than
16 mechanical miscalculations or clerical is needed, then the Unit Operator, with the approval of the
17 Working Interest Owners, may correct the mistake by revising the exhibits to conform to the
18 facts. The revision shall not include any reevaluation of engineering or geological
19 interpretations used in determining Tract Participation. Each such revision of an exhibit made
20 prior to thirty (30) days after the Effective Date shall be effective as of the Effective Date. Each
21 other such revision of an exhibit shall be effective at 7:00 a.m. on the first day of the calendar
22 month next following the filing for record of the revised exhibit or on such other date as may be
23 determined by Working Interest Owners and set forth in the revised exhibit. Copies of such
24 revision shall be filed with the Land Commissioner, and not less than four (4) copies shall be
25 filed with the A.O. In any such revision, there shall be no retroactive allocation or adjustment of
26 Unit Expense or of working interest revenues in the Unitized Substances produced, or proceeds
27 thereof.
28

29 **4. EXPANSION.** The above described Unit Area may, with the approval of the A.O.
30 and Land Commissioner, when practicable be expanded to include therein any additional Tract
31 or Tracts regarded as reasonably necessary or advisable for the purposes of this Agreement
32 provided however, in such expansion there shall be no retroactive allocation or adjustment of
33 Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof. Pursuant
34 to Subsection (b), the Working Interest Owners may agree upon an adjustment of investment by
35 reason of the expansion. Such expansion shall be effected in the following manner:
36

- 37 (a) The Working Interest Owner or Owners of a Tract or Tracts desiring to bring such
38 Tract or Tracts into this unit, shall file an application therefor with Unit Operator
39 requesting such admission.
40
41 (b) Unit Operator shall circulate a notice of the proposed expansion to each Working
42 Interest Owner in the Unit Area and in the Tract proposed to be included in the
43 unit, setting out the basis for admission, the Tract Participation to be assigned to
44 each Tract in the enlarged Unit Area and other pertinent data. After negotiation (at
45 Working Interest Owners' meeting or otherwise) if at least three (3) Working
46 Interest Owners having in the aggregate seventy-five percent (75%) of the Unit
47 Participation then in effect have agreed to inclusion of such Tract or Tracts in the
48 Unit Area, then Unit Operator shall:
49
50 (1) After obtaining preliminary concurrence by the A.O. and Land
51 Commissioner, prepare a notice of proposed expansion describing the
52 contemplated changes in the boundaries of the Unit Area, the reason therefor,
53 the basis for admission of the additional Tract or Tracts, the Tract
54 Participation to be assigned thereto and the proposed effective date thereof;
55 and
56
57 (2) Deliver copies of notice to Land Commissioner, the A.O. at the proper BLM
58 Office, each Working Interest Owner and to the last known address of each
59 lessee and lessor whose interests are affected, advising such parties that thirty
60 (30) days will be allowed for submission to the Unit Operator of any
61 objection to such proposed expansion; and

- 1
2 (3) File, upon the expiration of said thirty (30) day period as set out in (2)
3 immediately above with the Land Commissioner and A.O. the following: (a)
4 evidence of mailing or delivering copies of said notice of expansion; (b) an
5 application for approval of such expansion; (c) an instrument containing the
6 appropriate joinders in compliance with the participation requirements of
7 Section 14, Section 32, and Section 34, infra; and (d) a copy of all objections
8 received along with the Unit Operator's response thereof.
9

10 The expansion shall, after due consideration of all pertinent information and approval by
11 the Land Commissioner and the A.O., become effective as of the date prescribed in the notice
12 thereof, preferably the first day of the month subsequent to the date of notice. The revised Tract
13 Participation of the respective Tracts included within the Unit Area prior to such enlargement
14 shall remain the same ratio one to another.
15

16 5. **UNITIZED LAND.** All land committed to this Agreement as to the Unitized
17 Formation shall constitute land referred to herein as "Unitized Land" or "Land subject to this
18 Agreement". Nothing herein shall be construed to unitize, pool, or in any way affect the oil, gas
19 and other minerals contained in or that may be produced from any formation other than the
20 Unitized Formation as defined in Section 2(h) of this Agreement.
21

22 6. **UNIT OPERATOR.** Atlantic Richfield Company is hereby designated the Unit
23 Operator, and by signing this instrument as Unit Operator, agrees and consents to accept the
24 duties and obligation of Unit Operator for the operation, development, and production of
25 Unitized Substances as herein provided. Whenever reference is made herein to the Unit
26 Operator, such reference means the Unit Operator acting in that capacity and not as an owner of
27 interests in Unitized Substances, when such interest are owned by it and the term "Working
28 Interest Owner" when used herein shall include or refer to the Unit Operator as the owner of a
29 Working Interest when such an interest is owned by it.
30

31 Unit Operator shall have a lien upon interests of Working Interest Owners in the Unit
32 Area to the extent provided in the Unit Operating Agreement.
33

34 7. **RESIGNATION OR REMOVAL OF UNIT OPERATOR.** Unit Operator shall
35 have the right to resign at any time, but such resignation shall not become effective so as to
36 release Unit Operator from the duties and obligations of Unit Operator and terminate Unit
37 Operator's rights as such for a period of six (6) months after written notice of intention to resign
38 has been given by Unit Operator to all Working Interest Owners, the Land Commissioner and
39 the A.O. unless a new Unit Operator shall have taken over and assumed the duties and
40 obligations of Unit Operator prior to the expiration of said period.
41

42 The Unit Operator shall, upon default or failure in the performance of its duties and
43 obligations hereunder, be subject to removal by two (2) or more Working Interest Owners
44 having in the aggregate eighty percent (80%) or more of the Unit Participation then in effect
45 exclusive of the Working Interest Owner who is the Unit Operator. Such removal shall be
46 effective upon notice thereof to the Land Commissioner and the A.O.
47

48 In all such instances of effective resignation or removal, until a successor to Unit
49 Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be
50 jointly responsible for the performance of the duties of the Unit Operator and shall, not later than
51 thirty (30) days before such resignation or removal become effective, appoint a Unit Manager to
52 represent them in any action to be taken hereunder.
53

54 The resignation or removal of Unit Operator under this Agreement shall not terminate its
55 right, title or interest as the owner of a Working Interest or other interest in Unitized Substances,
56 but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator
57 shall deliver possession of all wells, equipment, books and records, materials, appurtenances and
58 any other assets used in connection with the Unit Operations to the new duly qualified successor
59 Unit Operator or to the Unit Manager if no such new Unit Operator is elected. Nothing herein
60 shall be construed as authorizing the removal of any material, equipment or appurtenances
61 needed for the preservation of any wells. Nothing herein contained shall be construed to relieve

1 or discharge any Unit Operator or Unit Manager who resigns or is removed hereunder from any
2 liability or duties accruing or performable by it prior to the effective date of such resignation or
3 removal.
4

5 **8. SUCCESSOR UNIT OPERATOR.** Whenever the Unit Operator shall tender its
6 resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest
7 Owners shall select a successor Unit Operator as herein provided. Such selection shall not
8 become effective until (a) a Unit Operator so selected shall accept in writing the duties and
9 responsibilities of Unit Operator, and (b) the selection shall have been approved by the Land
10 Commissioner and the A.O. If no successor Unit Operator or Unit Manager is selected and
11 qualified as herein provided, the Land Commissioner and/or the A.O., at their election, may
12 declare this Agreement terminated.
13

14 In selecting a successor Unit Operator, the affirmative vote of three (3) or more Working
15 Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation
16 shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more
17 than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as
18 sufficient unless supported by the vote of one or more other Working Interest Owners having a
19 total Unit Participation of at least five percent (5%). If the Unit Operator who is removed votes
20 only to succeed itself or fails to vote, the successor Unit Operator may be selected by the
21 affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation
22 remaining after excluding the Unit Participation of Unit Operator so removed.
23

24 **9. ACCOUNTING PROVISIONS AND UNIT OPERATING AGREEMENT.**
25 Costs and expenses incurred by Unit Operator in conducting Unit Operations hereunder shall be
26 paid, apportioned among and borne by the Working Interest Owners in accordance with the Unit
27 Operating Agreement. Such Unit Operating Agreement shall also provide the manner in which
28 the Working Interest Owners shall be entitled to receive their respective proportionate and
29 allocated share of the benefits accruing hereto in conformity with their underlying operating
30 agreements, leases or other contracts and such other rights and obligations as between Unit
31 Operator and the Working Interest Owners as may be agreed upon by the Unit Operator and the
32 Working Interest Owners; however, no such Unit Operating Agreement shall be deemed either
33 to modify any of the terms and conditions of this Agreement or to relieve the Unit Operator of
34 any right or obligation established under this Agreement, and in case of any inconsistency or
35 conflict between this Agreement and the Unit Operating Agreement, this Agreement shall
36 prevail. Copies of any Unit Operating Agreement executed pursuant to this Section shall be
37 filed with the Land Commissioner and with the A.O. at the proper BLM Office as required prior
38 to approval of this Agreement.
39

40 **10. RIGHTS AND OBLIGATIONS OF UNIT OPERATOR.** Except as otherwise
41 specifically provided herein, the exclusive right, privilege and duty of exercising any and all
42 rights of the parties hereto including surface rights which are necessary or convenient for
43 prospecting for, producing, storing, allocating and distributing the Unitized Substances are
44 hereby delegated to and shall be exercised by the Unit Operator as herein provided. Upon
45 request by Unit Operator, acceptable evidence of title (sufficient to show ownership by the
46 Working Interest Owners of the affected tracts, at the expense of the Working Interest
47 Owner of said tracts) shall be deposited with said Unit Operator, and together with this
48 Agreement, shall constitute and define the rights, privileges and obligations of Unit Operator.
49 Nothing herein, however, shall be construed to transfer title to any land or to any lease or
50 operating agreement, it being understood that under this Agreement the Unit Operator, in its
51 capacity as Unit Operator, shall exercise the rights of possession and use vested in the parties
52 hereto only for the purposes herein specified.
53

54 **11. PLAN OF OPERATIONS.** It is recognized and agreed by the parties hereto that
55 all of the land subject to this Agreement is reasonably proved to be productive of Unitized
56 Substances and that the object and purpose of this Agreement is to formulate and to put into
57 effect an improved recovery project in order to effect additional recovery of Unitized
58 Substances, prevent waste and conserve natural resources. Unit Operator shall have the right to
59 inject into the Unitized Formation any substances for secondary recovery or enhanced recovery
60 purposes in accordance with a plan of operation approved by the Working Interest Owners, the
61 A.O., the Land Commissioner and the Division, including the right to drill and maintain

1 injection wells on the Unitized Land and completed in the Unitized Formation, and to use
2 abandoned well or wells producing from the Unitized Formation for said purpose. Subject to like
3 approval, the Plan of Operation may be revised as conditions may warrant.
4

5 The initial Plan of Operation shall be filed with the A.O., the Land Commissioner and
6 the Division concurrently with the filing of this Unit Agreement for final approval. Said initial
7 Plan or Operation and all revisions thereof shall be as complete and adequate as the A.O., the
8 Land Commissioner and the Division may determine to be necessary for timely operation
9 consistent herewith. Upon approval of this Agreement and the initial plan by the A.O. and
10 Commissioner, said plan, and all subsequently approved plans, shall constitute the operating
11 obligations of the Unit Operator under this Agreement for the period specified therein.
12 Thereafter, from time to time before the expiration of any existing plan, the Unit Operator shall
13 submit for like approval a plan for an additional specified period of operations. After such
14 operations are commenced, reasonable diligence shall be exercised by the Unit Operator in
15 complying with the obligations of the approved Plan of Operation.
16

17 Notwithstanding anything to the contrary herein contained, should the Unit Operator fail
18 to commence Unit Operations for the secondary recovery of Unitized Substances from the Unit
19 Area within eighteen (18) months after the effective date of this Agreement, or any extension
20 thereof approved by the A.O., this Agreement shall terminate automatically as of the date of
21 default.
22

23 **12. USE OF SURFACE AND USE OF WATER.** The parties to the extent of their
24 rights and interests, hereby grant to Unit Operator the right to use as much of the surface,
25 including the water thereunder, of the Unitized Land as may reasonably be necessary for Unit
26 Operations.
27

28 Unit Operator's free use of water or brine or both for Unit Operations, shall not include
29 any water from any well, lake, pond or irrigation ditch of a surface owner, unless approval for
30 such use is granted by the surface owner.
31

32 Unit Operator shall pay the surface owner for damages to growing crops, fences,
33 improvements and structures on the Unitized Land that result from Unit Operations, and such
34 payments shall be considered as items of unit expense to be borne by all the Working Interest
35 Owners of lands subject hereto.
36

37 **13. TRACT PARTICIPATION.** In Exhibit "C" attached hereto there are listed and
38 numbered the various Tracts within the Unit Area, and set forth opposite each Tract are figures
39 which represent the Tract Participation, during Unit Operations if all Tracts in the Unit Area
40 qualify as provided herein. The Tract Participation of each Tract as shown in Exhibit "C" was
41 determined in accordance with the following formula:
42

43 **TRACT PARTICIPATION** = 1% A/B + 4% C/D + 21% E/F + 34% G/H + 40% I/J
44

45 A = The Tract surface acres in the Unit Area.

46 B = The total Unit Area surface acres.

47 C = The Tract hydrocarbon production from the Unitized Interval for the twelve
48 (12) months prior to January 1, 1990, in barrels of oil equivalent (BOE)
49 using a 10 MCF of gas production per one (1) barrel of oil production
50 equivalency.

51 D = The total Unit Area hydrocarbon production from the Unitized Interval for
52 the twelve (12) months prior to January 1, 1990, in barrels of oil equivalent
53 (BOE) using a 10 MCF of gas production per one (1) barrel of oil production
54 equivalency.

55 E = The Tract cumulative hydrocarbon recovery from the Unitized Interval as of
56 December 31, 1989, in barrels of oil equivalent (BOE) using a 10 MCF of
57 gas production per one (1) barrel of oil production equivalency.

58 F = The total Unit Area cumulative hydrocarbon recovery from the Unitized
59 Interval as of December 31, 1989, in barrels of oil equivalent (BOE) using
60 10 MCF of gas production per one (1) barrel of oil production equivalency.

- 1 G = The Tract estimated remaining primary oil production from the Unitized
2 Interval from January 1, 1990.
3 H = The total Unit Area estimated remaining primary oil production from the
4 Unitized Interval from January 1, 1990.
5 I = The Tract estimated ultimate primary hydrocarbon recovery from the
6 Unitized Interval in barrels of oil equivalent (BOE) using 10 MCF of gas
7 production per one (1) barrel of oil production equivalency.
8 J = The total Unit Area estimated ultimate primary hydrocarbon recovery from
9 the Unitized Interval in barrels of oil equivalent (BOE) using 10 MCF of gas
10 production per one (1) barrel of oil production equivalency.
11

12 In the event less than all Tracts are qualified on the Effective Date hereof, the Tract
13 Participation shall be calculated on the basis of all such qualified Tracts rather than all tracts in
14 the Unit Area.
15

16 **14. TRACTS QUALIFIED FOR PARTICIPATION.** On and after the Effective
17 Date hereof, the Tracts within the Unit Area which shall be entitled to participation in the
18 production of Unitized Substances shall be those Tracts more particularly described in Exhibit
19 "C" that corner or have a common boundary (Tracts separated only by a public road or a railroad
20 right-of-way shall be considered to have a common boundary), and that otherwise qualify as
21 follows:
22

- 23 (a) Each Tract as to which Working Interest Owners owning one hundred percent
24 (100%) of the Working Interest have become parties to this Agreement and as to
25 which Royalty Owners owning seventy-five percent (75%) or more of the Royalty
26 Interest have become parties to this Agreement.
27
28 (b) Each Tract as to which Working Interest Owners owning one hundred percent
29 (100%) of the Working Interest have become parties to this Agreement, and as to
30 which Royalty Owners owning less than seventy-five percent (75%) of the Royalty
31 Interest have become parties to this Agreement, and as to which (1) the Working
32 Interest Owner who operates the Tract and Working Interest Owners owning at
33 least seventy-five percent (75%) of the remaining Working Interest in such Tract
34 have joined in a request for the inclusion of such Tract, and as to which (2)
35 Working Interest Owners owning at least seventy-five percent (75%) of the
36 combined Unit Participation in all Tracts that meet the requirements of Section
37 14(a) above have voted in favor of the inclusion of such tract.
38
39 (c) Each Tract as to which Working Interest Owners owning less than one hundred
40 percent (100%) of the Working Interest have become parties to this Agreement,
41 regardless of the percentage of Royalty Interest therein that is committed hereto;
42 and as to which (1) the Working Interest Owner who operates the Tract and
43 Working Interest Owner owning at least seventy-five percent (75%) of the
44 remaining Working Interest in such Tract, who have become parties to this
45 Agreement, have joined in a request for inclusion of such Tract, and have executed
46 and delivered, or obligated themselves to execute and deliver an indemnity
47 agreement indemnifying and agreeing to hold harmless the other owners of
48 committed Working Interests, their successors and assigns, against all claims and
49 demands that may be made by the owners of Working Interest in such Tract who
50 are not parties to this Agreement, and which arise out of the inclusion of the Tract;
51 and as to which (2) Working Interest Owners owning at least seventy-five percent
52 (75%) of the Unit Participation in all Tracts that meet the requirements of Section
53 14(a) and 14(b) have voted in favor of the inclusion of such Tract and to accept the
54 indemnity agreement. Upon the inclusion of such a Tract, the Tract Participations
55 which would have been attributed to the nonsubscribing owners of Working
56 Interest in such Tract, had they become parties to this Agreement and the Unit
57 Operating Agreement, shall be attributed to the Working Interest Owners in such
58 Tract who have become parties to such agreements, and joined in the indemnity
59 agreement, in proportion to their respective Working Interests in the Tract.
60

1 If on the Effective Date of this Agreement there is any Tract or Tracts which have not
2 been effectively committed to or made subject to this Agreement by qualifying as above
3 provided, then such Tract or Tracts shall not be entitled to participate hereunder. Unit Operator
4 shall, when submitting this Agreement for final approval by the Land Commissioner and the
5 A.O., file therewith a schedule of those tracts which have been committed and made subject to
6 this Agreement and are entitled to participate in Unitized Substances. Said schedule shall set
7 forth opposite each such committed Tract the lease number or assignment number, the owner of
8 record of the lease, and the percentage participation of such tract which shall be computed
9 according to the participation formula set forth in Section 13 (Tract Participation) above. This
10 schedule of participation shall be revised Exhibit "C" and upon approval thereof by the Land
11 Commissioner and the A.O., shall become a part of this Agreement and shall govern the
12 allocation of production of Unitized Substances until a new schedule is approved by the Land
13 Commissioner and A.O.

14
15 **15.A. ALLOCATION OF UNITIZED SUBSTANCES.** All Unitized Substances
16 produced and saved (less, save and except any part of such Unitized Substances used in
17 conformity with good operating practices on unitized land for drilling, operating, camp and other
18 production or development purposes and for injection or unavoidable loss in accordance with a
19 Plan of Operation approved by the A.O. and Land Commissioner) shall be apportioned among
20 and allocated to the qualified Tracts in accordance with the respective Tract Participations
21 effective hereunder during the respective periods such Unitized Substances were produced, as set
22 forth in the schedule of participation in Exhibit "C". The amount of Unitized Substances so
23 allocated to each Tract, and only that amount (regardless of whether it be more or less than the
24 amount of the actual production of Unitized Substances from the well or wells, if any, or such
25 Tract) shall, for all intents, uses and purposes, be deemed to have been produced from such
26 Tract.

27
28 The Unitized Substances allocated to each Tract shall be distributed among, or accounted
29 for, to the parties entitled to share in the production from such Tract in the same manner, in the
30 same proportions, and upon the same conditions, as they would have participated and shared in
31 the production from such Tracts, or in the proceeds thereof, had this Agreement not been entered
32 into; and with the same legal force and effect.

33
34 No Tract committed to this Agreement and qualified for participation as above provided
35 shall be subsequently excluded from participation hereunder on account of depletion of Unitized
36 Substances.

37
38 If the Working Interest and/or the Royalty Interest in any Tract are divided with respect to
39 separate parcels or portions of such Tract and owned now or hereafter in severalty by different
40 persons, the Tract Participation shall in the absence of a recordable instrument executed by all
41 owners in such Tract and furnished to Unit Operator fixing the divisions of ownership, be
42 divided among such parcels or portions in proportion to the number of surface acres in each.

43
44 **15.B. WINDFALL PROFIT TAX.** In order to comply with the Windfall Profit Act of
45 1980, as amended, and applicable regulations and to ensure that interest owners of each Tract
46 retain the Windfall Profit Tax benefits accruing to each Tract prior to joining the Unit, for
47 Windfall Profit Tax purposes only, crude oil shall be allocated to individual Tracts as follows:

48
49 **15.C. IMPUTED NEWLY DISCOVERED CRUDE OIL.** Each Tract contributing
50 newly discovered crude oil to the Unit Area, that is, each Tract certified as a newly discovered
51 property for Windfall Profit Tax purposes prior to joining the Unit (Newly Discovered Tract),
52 shall be allocated imputed newly discovered crude oil in the proportion that the Tract
53 Participation of such Tract bears to the total of the Tract Participations of all Newly discovered
54 Tracts; provided, however, that imputed newly discovered crude oil allocated to any Tract under
55 this Subsection 15.C. shall not exceed, in any month, the total number of barrels of crude oil
56 allocable out of unit production to such Tract in accordance with its Tract Participation. In the
57 event a Newly Discovered Tract is so allocated a number of barrels of imputed newly discovered
58 crude oil which is less than the total number of barrels of crude oil allocable out of unit
59 production to such Tract in accordance with its Tract Participation, then such Newly Discovered
60 Tract shall be allocated any remaining unallocated newly discovered crude oil in the proportion
61 that the Tract Participation of such Tract bears to the total of the Tract Participations of all

Newly Discovered Tracts not previously so allocated the total number of barrels allocable out of unit production in accordance with their Tract Participations. This additional allocation process shall continue to be repeated, as outlined in the preceding sentence, until such time as:

- (a) all Newly Discovered Tracts have been so allocated a number of barrels of imputed newly discovered crude oil equal to the total number of barrels of crude oil allocable out of unit production to such Tracts in accordance with their Tract Participations; or
- (b) there is no imputed newly discovered crude oil remaining to be allocated,

whichever occurs first.

Any imputed newly discovered crude oil in excess of the amount of all allocable to a Tract in accordance with this Subsection 15.C. shall be termed excess imputed newly discovered crude oil.

15.D. IMPUTED STRIPPER CRUDE OIL. Each Tract contributing stripper crude oil to the Unit Area, that is, each Tract certified as a stripper property for Windfall Profit Tax purposes prior to joining the Unit (Stripper Tract), shall be allocated imputed stripper crude oil in the proportion that the Tract Participation of such tract bears to the total of the Tract Participations of all Stripper Tracts; provided, however, that imputed stripper crude oil allocated to any Tract under this Subsection 15.D. shall not exceed, in any month, the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation. In the event a Stripper Tract is so allocated a number of barrels of imputed stripper crude oil which is less than the total number of barrels of crude oil allocable out of unit production to such Tract in accordance with its Tract Participation, then such Stripper Tract shall be allocated any remaining unallocated imputed stripper crude oil in the proportion that the Tract Participation of such Tract bears to the total of the Tract Participations of all Stripper Tracts not previously so allocated the total number of barrels allocable out of unit production in accordance with their Tract Participations. This additional allocation process shall continue to be repeated, as outlined in the preceding sentence, until such time as:

- (a) all Stripper Tracts have been so allocated a number of barrels of imputed stripper crude oil equal to the total number of barrels of crude oil allocable out of unit production to such Tracts in accordance with their Tract Participations; or
- (b) there is no imputed stripper crude oil remaining to be allocated,

whichever comes first.

Any imputed stripper crude oil in excess of the amount of oil allocable to a Tract in accordance with this Subsection 15.D. shall be termed excess imputed stripper crude oil.

15.E. EXCESS IMPUTED NEWLY DISCOVERED CRUDE OIL. Each Tract shall be allocated any excess imputed newly discovered crude oil in the proportion that its Tract Participation bears to the total of the Tract Participations of all Tracts not previously allocated the total number of barrels of crude oil allocable to these Tracts out of unit production in accordance with the Tract Participations of such Tracts; provided, however, that excess imputed newly discovered crude oil allocated to each such Tract, when added to the total number of barrels of imputed newly discovered crude oil previously allocated to it, shall not exceed, in any month, the total number of barrels of oil allocable to it out of unit production in accordance with its Tract Participation.

15.F. EXCESS IMPUTED STRIPPER CRUDE OIL. Each Tract shall be allocated any excess imputed stripper crude oil in the proration that its Tract Participation bears to the total of the Tract Participations of all Tracts not previously allocated the total number of crude oil barrels allocable to these Tracts out of unit production in accordance with the Tract Participations of such Tracts; provided, however, that excess imputed stripper crude oil allocated to each such Tract, when added to the total number of barrels of imputed stripper crude oil

1 previously allocated to it, shall not exceed, in any monthly, the total number of barrels of oil
2 allocable to it out of unit production in accordance with its Tract Participation.
3

4 **15.G. TAKING UNITIZED SUBSTANCES IN KIND.** The Unitized Substances
5 allocated to each Tract shall be delivered in kind to the respective parties entitled thereto by
6 virtue of the ownership of oil and gas rights therein. Each such party shall have the right to
7 construct, maintain and operate all necessary facilities for the purpose within the Unitized Area,
8 provided the same are so constructed, maintained and operated as not to interfere with Unit
9 Operations. Subject to Section 17 hereof, any extra expenditure incurred by Unit Operator by
10 reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the
11 party taking delivery. In the event any Working Interest Owner shall fail to take or otherwise
12 adequately dispose of its proportionate share of the production from the Unitized Formation,
13 then so long as such condition continues, Unit Operator, for the account and at the expense of
14 the Working Interest Owner of the Tract or tracts concerned, and in order to avoid curtailing the
15 operation of the Unit Area, may, but shall not be required to, sell or otherwise dispose of such
16 production to itself or to others, provided that all contracts of sale by Unit Operator of any other
17 party's share of Unitized Substances shall be only for such reasonable periods of time as are
18 consistent with the minimum needs of the industry under the circumstances, but in no event shall
19 any such contract be for a period in excess of one (1) year, and at not less than the prevailing
20 market price in the area for like production, and the account of such Working Interest Owner
21 shall be charged therewith as having received such production. The net proceeds, if any, of the
22 Unitized Substances so disposed of by Unit Operator shall be paid to the Working Interest
23 Owner of the Tract or Tracts concerned. Notwithstanding the foregoing, Unit Operator shall not
24 make a sale into interstate commerce of any Working Interest Owner's share of gas production
25 without first giving such Working Interest Owner sixty (60) days notice in such intended sale.
26

27 Any Working Interest Owner receiving in kind or separately disposing of all or any part of
28 the Unitized Substances allocated to any Tract, or receiving the proceeds therefrom if the same is
29 sold or purchased by Unit Operator, shall be responsible for the payment of all royalty,
30 overriding royalty and production payments due thereon, and each such party shall hold each
31 other Working Interest Owner harmless against all claims, demands and causes of action by
32 owners of such royalty, overriding royalty and production payments.
33

34 If, after the Effective Date of this Agreement, there is any Tract of Tracts that are
35 subsequently committed hereto, as provided in Section 4 (Expansion) hereof, or any tract or
36 Tracts within the Unit Area not committed hereto as of the Effective date hereof but which are
37 subsequently committed hereto under the provisions of Section 14 (Tracts Qualified for
38 Participation) and Section 32 (Nonjoinder and Subsequent Joinder); or if any Tract is excluded
39 from this Agreement as provided for in Section 21 (Loss of Title), the schedule of participation
40 as shown in Exhibit "C" shall be revised by the Unit Operator; and the revised Exhibit "C", upon
41 approval by the Land Commissioner and the A.O., shall govern the allocation of production on
42 and after the effective date thereof until a revised schedule is approved as hereinabove provided.
43

44 **16. OUTSIDE SUBSTANCES.** If gas, including but not limited to CO₂ and
45 Nitrogen, obtained from formations not subject to this Agreement is introduced into the Unitized
46 formation for use in repressuring, stimulating of production or increasing ultimate recovery
47 which shall be in conformity with a Plan of Operation first approved by the Land Commissioner
48 and the A.O., a like amount of gas with appropriate deduction for loss or depletion from any
49 cause may be withdrawn from unit wells completed in the Unitized Formation royalty free as to
50 dry gas, but not royalty free as to the products extracted therefrom; provided that such
51 withdrawal shall be at such time as may be provided in the approved Plan of Operation or as
52 otherwise may be consented to or prescribed by the Land Commissioner and the A.O. as
53 conforming to good petroleum engineering practices and provided further that such right of
54 withdrawal shall terminate on the termination date of this Agreement.
55

56 **17. ROYALTY SETTLEMENT.** The State of New Mexico and United States of
57 America and all Royalty Owners who, under an existing contract, are entitled to take in kind a
58 share of the substances produced from any Tract unitized hereunder, shall continue to be entitled
59 to such right to take in kind their share of the Unitized Substances allocated to such Tract, and
60 Unit Operator shall make deliveries of such Royalty share taken in kind in conformity with the
61 applicable contracts, laws and regulations. Settlement for Royalty not taken in kind shall be

made by Working Interest Owners responsible therefor under existing contracts, laws and regulations on or before the last day of each month for Unitized Substances produced during the preceding calendar month; provided, however, that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any Royalty due under the leases, except that such Royalty shall be computed on Unitized Substances as allocated to each Tract in accordance with the terms of this Agreement. With respect to Federal leases committed hereto on which the royalty rate depends upon the daily average production per well, such average production shall be determined in accordance with the operating regulations pertaining to Federal leases as though the committed Tracts were included in a single consolidated lease.

If the amount of production or the proceeds thereof accruing to any Royalty Owner (except the United States of America) in a Tract depends upon the average production per well or the average pipeline runs per well from such Tract during any period of time, then such production shall be determined from and after the effective date hereof by dividing the quantity of Unitized Substances allocated hereunder to such Tract during such period of time by the number of wells located thereon capable of producing Unitized Substances as of the Effective Date hereof, provided that any Tract not having any well so capable of producing Unitized Substances on the Effective Date hereof shall be considered as having one such well for the purpose of this provision.

All Royalty due the State of New Mexico and the United States of America and the other Royalty Owners hereunder shall be computed and paid on the basis of all Unitized Substances allocated to the respective Tract or Tracts committed hereto, in lieu of actual production from such Tract or Tracts.

With the exception of Federal and State requirements to the contrary, Working Interest Owners may use or consume Unitized Substances for Unit Operations and no Royalty, overriding royalty, production or other payments shall be payable on account of Unitized Substances used, lost, or consumed in Unit Operations.

Each Royalty Owner (other than the State of New Mexico and the United States of America) that executes this Agreement represents and warrants that it is the owner of a Royalty interest in a Tract or Tracts within the Unit Area as its interest appears in Exhibit "B" attached hereto. If any Royalty Interest in a Tract or Tracts should be lost by title failure or otherwise in whole or in part, during the term of this Agreement, then the Royalty Interest of the party representing himself to be the owner thereof shall be reduced proportionately and the interests of all parties shall be adjusted accordingly.

18. RENTAL SETTLEMENT. Rentals or minimum Royalties due on the leases committed hereto shall be paid by Working Interest Owners responsible therefor under existing contracts, laws and regulations provided that nothing herein contained shall operate to relieve the lessees of any land from their respective lease obligations for the payment of any rental or minimum Royalty in lieu thereof, due under their leases. Rental for lands of the State of New Mexico subject to this Agreement shall be paid at the rate specified in the respective leases from the State of New Mexico. Rental or minimum Royalty for lands of the United States of America subject to this Agreement shall be paid at the rate specified in the respective leases from the United States of America, unless such rental or minimum Royalty is waived, suspended or reduced by law or by approval of the Secretary or his duly authorized representative.

19. CONSERVATION. Operations hereunder and production of Unitized Substances shall be conducted to provide for the most economical and efficient recovery of said substances without waste, as defined by or pursuant to Federal and State laws and regulations.

20. DRAINAGE. The Unit Operator shall take all reasonable and prudent measures to prevent drainage of Unitized Substances from unitized land by wells on land not subject to this Agreement.

The Unit Operator, upon approval by the Working Interest Owners, the A.O. and the Land Commissioner, is hereby empowered to enter into a borderline agreement or agreements with working interest owners of adjoining lands not subject to this Agreement with respect to

1 operation in the border area for the maximum economic recovery, conservation purposes and
2 proper protection of the parties and interest affected.

3
4 **21. LOSS OF TITLE.** In the event title to a Tract of unitized land shall fail and the
5 true owner cannot be induced to join in this Agreement, such Tract shall be automatically
6 regarded as not committed hereto, and there shall be such readjustment of future costs and
7 benefits as may be required on account of the loss of such title. In the event of a dispute as to
8 title to any Royalty, Working Interest, or other interests subject thereto, payment or delivery on
9 account thereof may be withheld without liability for interest until the dispute is finally settled;
10 provided, that, as to State or Federal lands or leases, no payments of funds due the United States
11 or the State of New Mexico shall be withheld, but such funds shall be deposited as directed by
12 the A.O. or Land Commissioner (as the case may be) to be held as unearned money pending
13 final settlement of the title dispute, and then applied as earned or returned in accordance with
14 such final settlement.

15
16 If the title or right of any party claiming the right to receive in kind all or any portion of
17 the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the direction of
18 Working Interest Owners shall either:

- 19
20 (a) require that the party to whom such Unitized Substances are delivered or to whom
21 the proceeds thereof are paid furnish security for the proper accounting therefor to
22 the rightful owner if the title of such party fails in whole or in part, or
23
24 (b) withhold and market the portion of Unitized Substances with respect to which title
25 or right is in dispute, and impound the proceeds thereof until such time as the title
26 or right thereto is established by a final judgment of a court of competent
27 jurisdiction or otherwise to the satisfaction of Working Interest Owners, whereupon
28 the proceeds so impounded shall be paid to the party rightfully entitled thereto.
29

30 Each Working Interest Owner shall indemnify, hold harmless, and defend all other
31 Working Interest Owners against any and all claims by any party against the interest attributed to
32 such Working Interest Owner on Exhibit "B".
33

34 Unit Operator as such is relieved from any responsibility for any defect or failure of any
35 title hereunder.
36

37 **22. LEASES AND CONTRACTS CONFORMED AND EXTENDED.** The terms,
38 conditions and provisions of all leases, subleases and other contracts relating to exploration,
39 drilling, development or operation for oil or gas on lands committed to this Agreement are
40 hereby expressly modified and amended to the extent necessary to make the same conform to the
41 provisions hereof, but otherwise to remain in full force and effect, and the parties hereto hereby
42 consent that the Secretary and the Land Commissioner, respectively, shall and by their approval
43 hereof, or by the approval hereof by their duly authorized representatives, do hereby establish,
44 alter, change or revoke the drilling, producing, rental, minimum Royalty and Royalty
45 requirements of Federal and State leases committed hereto and the regulations in respect thereto
46 to conform said requirements to the provisions of this Agreement.
47

48 Without limiting the generality of the foregoing, all leases, subleases and contracts are
49 particularly modified in accordance with the following:
50

- 51 (a) The development and operation of lands subject to this Agreement under the terms
52 hereof shall be deemed full performance of all obligations for development and
53 operation with respect to each Tract subject to this Agreement, regardless of
54 whether there is any development of any Tract of the Unit Area, notwithstanding
55 anything to the contrary in any lease, operating agreement or other contract by and
56 between the parties hereto, or their respective predecessors in interest, or any of
57 them.
58
59 (b) Drilling, producing or improved recovery operations performed hereunder shall be
60 deemed to be performed upon and for the benefit of each Tract, and no lease shall

1 be deemed to expire by reason of failure to drill or produce wells situated on the
2 land therein embraced.

3
4 (c) Suspension of drilling or producing operations within the Unit Area pursuant to
5 direction or consent of the Land Commissioner and the A.O., or their duly
6 authorized representatives, shall be deemed to constitute such suspension pursuant
7 to such direction or consent as to each Tract within the Unitized Area.

8
9 (d) Each lease, sublease, or contract relating to the exploration, drilling, development,
10 or operation for oil and gas which by its terms might expire prior to the termination
11 of this Agreement, is hereby extended beyond any such term so provided therein,
12 so that it shall be continued in full force and effect for and during the term of this
13 Agreement.

14
15 (e) Any lease embracing lands of the State of New Mexico which is made subject to
16 this Agreement shall continue in force beyond the term provided therein as to the
17 lands committed hereto until the termination hereof.

18
19 (f) Any lease embracing lands of the State of New Mexico having only a portion of its
20 land committed hereto shall be segregated as to that portion committed and that not
21 committed, and the terms of such lease shall apply separately to such segregated
22 portions commencing as of the Effective Date hereof. Provided, however, that
23 notwithstanding any of the provisions of this Agreement to the contrary, such lease
24 (including both segregated portions) shall continue in full force and effect beyond
25 the term provided therein as to all lands embraced in such lease if oil or gas is, or
26 has heretofore been discovered in paying quantities on some part of the lands
27 embraced in such lease committed to this Agreement or, so long as a portion of the
28 Unitized Substances produced from the Unit Area is, under the terms of this
29 Agreement, allocated to the portion of the lands covered by such lease committed
30 to this Agreement, or, at any time during the term hereof, as to any lease that is
31 then valid and subsisting and upon which the lessee or the Unit Operator is then
32 engaged in bona fide drilling, reworking, or improved recovery operations on any
33 part of the lands embraced in such lease, then the same as to all lands embraced
34 therein shall remain in full force and effect so long as such operations are diligently
35 prosecuted, and if they result in the production of oil or gas, said lease shall
36 continue in full force and effect as to all of the lands embraced therein, so long
37 thereafter as oil or gas in paying quantities is being produced from any portion of
38 said lands.

39
40 (g) The segregation of any Federal lease committed to this Agreement is governed by
41 the following provision in the fourth paragraph of Section 17(j) of the Mineral
42 Leasing Act, as amended by the Act of September 2, 1960 (74 Stat. 781-784): "Any
43 (Federal) lease heretofore or hereafter committed to any such (unit) plan embracing
44 lands that are in part within and in part outside of the area covered by any such plan
45 shall be segregated into separate leases as to the lands committed and the lands not
46 committed as of the effective date of unitization; provided, however, that any such
47 lease as to the nonunitized portion shall continue in force and effect for the term
48 thereof by for not less than two (2) years from the date of such segregation and so
49 long thereafter as oil or gas is produced in paying quantities."

50
51 **23. COVENANTS RUN WITH LAND.** The covenants herein shall be construed to
52 be covenants running with the land with respect to the interest of the parties hereto and their
53 successors in interest until this Agreement terminates, and any grant, transfer or conveyance of
54 interest in land or leases subject hereto shall be and hereby is conditioned upon the assumption
55 of all privileges and obligations hereunder by the grantee, transferee or other successor in
56 interest. No assignment or transfer of any Working Interest subject hereto shall be binding upon
57 Unit Operator until the first day of the calendar month after Unit Operator is furnished with the
58 original, or acceptable photostatic or certified copy, of the recorded instrument or transfer; and
59 no assignment or transfer of any Royalty Interest subject hereto shall be binding upon the
60 Working Interest Owner responsible therefor until the first day of the calendar month after said

Working Interest Owner is furnished with the original, or acceptable photostatic or certified copy, of the recorded instrument or transfer.

24. EFFECTIVE DATE AND TERM. This Agreement shall be binding upon each party who executes or ratifies it as of the date of execution or ratification by such party and shall become effective on the first day of the calendar month next following the approval of this Agreement by the A.O., the Land Commissioner and the Commission.

If this Agreement does not become effective on or before September 1, 1993, it shall ipso facto expire on said date (hereinafter called "Expiration Date") and thereafter be of no further force or effect, unless prior thereto this Agreement has been executed or ratified by Working Interest Owners owning a combined Participation of at least seventy-five percent (75%); and at least seventy-five percent (75%) of such Working Interest Owners committed to this Agreement have decided to extend Expiration Date for a period not to exceed one (1) year (hereinafter called "Extended Expiration Date"). If Expiration Date is so extended and this Agreement does not become effective on or before Extended Expiration Date, it shall ipso facto expire on Extended Expiration Date and thereafter be of no further force and effect.

Unit Operator shall file for record within thirty (30) days after the Effective date of this Agreement, in the office of the County Clerk of Lea County, New Mexico, where a counterpart of this Agreement is recorded, a certificate to the effect that this Agreement has become effective in accordance with its terms, therein identifying the Division's order approving statutory unitization and stating the effective date.

The terms of this Agreement shall be for and during the time that Unitized Substances are produced from the unitized land and so long thereafter as drilling, reworking or other operations (including improved recovery operations) are prosecuted thereon without cessation of more than ninety (90) consecutive days unless sooner terminated as herein provided.

This Agreement may be terminated with the approval of the Land Commissioner and the A.O. by Working Interest Owners owning eighty percent (80%) of the unit Participation then in effect whenever such Working Interest Owners determine that Unit Operations are no longer profitable, or in the interest of conservation. Upon approval, such termination shall be effective as of the first day of the month after said Working Interest Owners' determination. Notice of any such termination shall be filed by Unit Operator in the office of the County Clerk of Lea County, New Mexico, within thirty (30) days of the effective date of termination.

Upon termination of this Agreement, the parties hereto shall be governed by the terms and provisions of the leases and contracts affecting the separate Tracts just as if this Agreement had never been entered into.

Notwithstanding any other provision in the leases unitized under this Agreement, Royalty Owners hereby grant Working Interest Owners a period of six (6) months after termination of this Agreement in which to salvage, sell, distribute or otherwise dispose of the personal property and facilities used in connection with Unit Operations.

25. RATE OF PROSPECTING, DEVELOPMENT AND PRODUCTION. All production and the disposal thereof shall be in conformity with allocation and quotas made or fixed by any duly authorized person or regulatory body under any Federal or State statute. The A.O. is hereby vested with authority to alter or modify from time to time, in his or her discretion, the rate of prospecting and development and within the limits made or fixed by the Division to alter or modify the quantity and rate of production under this Agreement, such authority being hereby limited to alteration or modification in the public interest, the purpose thereof and the public interest to be served thereby to be stated in the order of alteration or modification; provided, further, that no such alteration or modification shall be effective as to any land of the State of New Mexico as to the rate of prospecting and development in the absence of the specific written approval thereof by the Land Commissioner and as to any lands in the State of New Mexico or privately-owned lands subject to this Agreement or to the quantity and rate of production from such lands in the absence of specific written approval thereof by the Division.

1 Powers in this Section vested in the A.O. shall only be exercised after notice to Unit
2 Operator and opportunity for hearing to be held not less than fifteen (15) days from notice, and
3 thereafter subject to administrative appeal before becoming final.
4

5 **26. NONDISCRIMINATION.** Unit Operator in connection with the performance of
6 work under this Agreement relating to leases of the United States, agrees to comply with all of
7 the provisions of Section 202(1) to (7) inclusive of Executive Order 11246, (30 F.R. 12319),
8 which are hereby incorporated by reference in this Agreement.
9

10 **27. APPEARANCES.** Unit Operator shall have the right, in the absence of the
11 designation of a different representative by the working interest owners, to appear for or on
12 behalf of any interests affected hereby before the Land Commissioner, the Department, and the
13 Division, and to appeal from any order issued under the rules and regulations of the Land
14 Commissioner, the Department or the Division, or to apply for relief from any of said rules and
15 regulations or in any proceedings relative to operations before the Land Commissioner, the
16 Department or the Division or any other legally constituted authority; provided, however, that
17 any other interested party shall also have the right at its own expense to be heard in any such
18 proceeding.
19

20 **28. NOTICES.** All notices, demands, objections or statements required hereunder to
21 be given or rendered to the parties hereto shall be deemed fully given if made in writing and
22 personally delivered to the party or parties or sent by postpaid certified or registered mail,
23 addressed to such party or parties at their last known address set forth in connection with the
24 signatures hereto or to the ratification or consent hereof or to such other address as any such
25 party or parties may have furnished in writing to the party sending the notice, demand or
26 statement.
27

28 **29. NO WAIVER OF CERTAIN RIGHTS.** Nothing in this Agreement contained
29 shall be construed as a waiver by any party hereto of the right to assert any legal or
30 constitutional right or defense as to the validity or invalidity of any law of the State wherein said
31 Unitized Lands are located, or regulations issued thereunder in any way affecting such party, or
32 as a waiver by any such party of any right beyond his or its authority to waive; provided,
33 however, each party hereto covenants that it will not resort to any action to partition the Unitized
34 Land or the Unit Equipment.
35

36 **30. EQUIPMENT AND FACILITIES NOT FIXTURES ATTACHED TO**
37 **REALTY.** Each Working Interest Owner has heretofore placed and used on its Tract or Tracts
38 committed to this Agreement various well and lease equipment and other property, equipment
39 and facilities. It is also recognized that additional equipment and facilities may hereafter be
40 placed and used upon the Unitized Land as now or hereafter constituted. Therefore, for all
41 purposes of this Agreement, any such equipment shall be considered to be personal property and
42 not fixtures attached to realty. Accordingly, said well and lease equipment and personal
43 property is hereby severed from the mineral estates affected by this Agreement, and it is agreed
44 that any such equipment and personal property shall be and remain personal property of the
45 Working Interest Owners for all purposes.
46

47 **31. UNAVOIDABLE DELAY.** All obligations under this Agreement requiring the
48 Unit Operator to commence or continue improved recovery operations or to operate on or
49 produce Unitized Substances from any of the lands covered by this Agreement shall be
50 suspended while, but only so long as, the Unit Operator, despite the exercise of due care and
51 diligence, is prevented from complying with such obligations, in whole or in part, by strikes,
52 acts of God, Federal, State or municipal law or agency, unavoidable accident, uncontrollable
53 delays in transportation, inability to obtain necessary materials or equipment in open market, or
54 other matters beyond the reasonable control of the Unit Operator whether similar to matters
55 herein enumerated or not.
56

57 **32. NONJOINDER AND SUBSEQUENT JOINDER.** Joinder by any Royalty
58 Owner, at any time, must be accompanied by appropriate joinder of the corresponding Working
59 Interest Owner in order for the interest of such Royalty Owner to be regarded as effectively
60 committed. Joinder to this Agreement by a Working Interest Owner, at any time, must be

1 accompanied by appropriate joinder to the Unit Operating Agreement in order for such interest
2 to be regarded as effectively committed to this Agreement.
3

4 Any oil or gas interest in the Unitized Formations not committed hereto prior to
5 submission of this Agreement to the Land Commissioner and the A.O. for final approval may
6 thereafter be committed hereto upon compliance with the applicable provisions of this Section
7 and of Section 14 (Tracts Qualified for Participation) hereof, at any time up to the Effective
8 Date hereof on the same basis of Tract Participation as provided in Section 13, by the owner or
9 owners thereof subscribing, ratifying, or consenting in writing to this Agreement and, if the
10 interest is a Working Interest, by the owner of such interest subscribing also to the Unit
11 Operating Agreement.
12

13 It is understood and agreed, however, that from and after the Effective Date hereof the
14 right of subsequent joinder as provided in this Section shall be subject to such requirements or
15 approvals and on such basis as may be agreed upon by Working Interest Owners owning not less
16 than seventy-five percent (75%) of the Unit Participation then in effect, and approved by the
17 Land Commissioner and A.O. Such subsequent joinder by a proposed Working Interest Owner
18 must be evidenced by his execution or ratification of this Agreement and the Unit Operating
19 Agreement and, where State or Federal land is involved, such joinder must be approved by the
20 Land Commissioner or A.O. Such joinder by a proposed Royalty Owner must be evidenced by
21 his execution, ratification or consent of this Agreement and must be consented to in writing by
22 the Working Interest Owner responsible for the payment of any benefits that may accrue
23 hereunder in behalf of such proposed Royalty Owner. Except as may be otherwise herein
24 provided, subsequent joinder to this Agreement shall be effective as of the first day of the month
25 following the filing with the Land Commissioner and A.O. of duly executed counterparts of any
26 and all documents necessary to establish effective commitment of any Tract or interest to this
27 Agreement, unless objection to such joinder by the Land Commissioner or the A.O., is duly
28 made sixty (60) days after such filing.
29

30 **33. COUNTERPARTS.** This Agreement may be executed in any number of
31 counterparts, no one of which needs to be executed by all parties and may be ratified or
32 consented to by separate instrument in writing, specifically referring hereto, and shall be binding
33 upon all those parties who have executed such a counterpart, ratification or consent hereto with
34 the same force and effect as if all parties had signed the same document, and regardless of
35 whether or not it is executed by all other parties owning or claiming an interest in the land within
36 the described Unit Area. Furthermore, this Agreement shall extend to and be binding on the
37 parties hereto, their successors, heirs and assigns.
38

39 **34. JOINDER IN DUAL CAPACITY.** Execution as herein provided by any party as
40 either a Working Interest Owner or a Royalty Owner shall commit all interests owned or
41 controlled by such party; provided, that if the party is the owner of a Working Interest, he must
42 also execute the Unit Operating Agreement.
43

44 **35. TAXES.** Each party hereto shall, for its own account, render and pay its share of
45 any taxes levied against or measured by the amount or value of the Unitized Substances
46 produced from the unitized land; provided, however, that if it is required or if it be determined
47 that the Unit Operator or the several Working Interest Owners must pay or advance said taxes
48 for the account of the parties hereto, it is hereby expressly agreed that the parties so paying or
49 advancing said taxes shall be reimbursed therefor by the parties hereto, including Royalty
50 Owners, who may be responsible for the taxes on their respective allocated share of said
51 Unitized Substances. No taxes shall be charged to the United States or to the State of New
52 Mexico, nor to any lessor who has a contract with a lessee which requires his lessee to pay
53 such taxes.
54

55 **36. NO PARTNERSHIP.** The duties, obligations and liabilities of the parties hereto
56 are intended to be several and not joint or collective. This Agreement is not intended to create,
57 and shall not be construed to create, an association or trust, or to impose a partnership duty,
58 obligation or liability with regard to any one or more of the parties hereto. Each party hereto
59 shall be individually responsible for its own obligation as herein provided.
60

1 **37. PRODUCTION AS OF THE EFFECTIVE DATE.** Unit Operator shall make a
2 proper and timely gauge of all leases and other tanks within the Unit Area in order to ascertain
3 the amount of merchantable oil above the pipeline connection, in such tanks as of 7:00 a.m. on
4 the Effective Date hereof. All such oil which has then been produced in accordance with
5 established allowables shall be and remain the property of the Working Interest Owner entitled
6 thereto, the same as if the unit had not been formed; and the responsible Working Interest
7 Owner shall promptly remove said oil from the Unitized Land. Any such oil not so removed
8 shall be sold by Unit Operator for the account of such Working Interest Owners, subject to the
9 payment of all Royalty to Royalty Owners under the terms hereof. The oil that is in excess of
10 the prior allowable of the wells from which it was produced shall be regarded as Unitized
11 Substances produced after Effective Date hereof.
12

13 If, as of the Effective Date hereof, any Tract is over-produced with respect to the
14 allowable of the wells on that Tract and the amount of over-production has been sold or
15 otherwise disposed of, such over-production shall be regarded as a part of the Unitized
16 Substances produced after the Effective Date hereof and shall be charged to such Tract as
17 having been delivered to the parties entitled to Unitized Substances allocated to such Tract.
18

19 **38. NO SHARING OF MARKET.** This Agreement is not intended to provide and
20 shall not be construed to provide, directly or indirectly, for any cooperative refining, joint sale
21 or marketing of Unitized Substances.
22

23 **39. STATUTORY UNITIZATION.** If and when Working Interest Owners owning at
24 least seventy-five percent (75%) Unit Participation and Royalty Owners owning at least
25 seventy-five percent (75%) Royalty interest have become parties to this Agreement or have
26 approved this Agreement in writing and such Working Interest Owners have also become
27 parties to the Unit Operating Agreement, Unit Operator may make application to the Division
28 for statutory unitization of the uncommitted interests pursuant to the Statutory Unitization Act
29 (Chapter 65, Article 14, N.M.S. 1953 Annotated). If such application is made and statutory
30 unitization is approved by the Division, then effective as of the date of the Division's order
31 approving statutory unitization, this Agreement and/or the Unit Operating Agreement shall
32 automatically be revised and/or amended in accordance with the following:
33

- 34 (1) Section 14 of this Agreement shall be revised by substituting for the entire said
35 section the following:
36

37 **"14. TRACTS QUALIFIED FOR PARTICIPATION.** On or after the Effective
38 Date hereof, all Tracts within the Unit Area shall be entitled to participation in the
39 production of Unitized Substances."
40

- 41 (2) Section 24 of this Agreement shall be revised by substituting for the first three (3)
42 paragraphs of said section the following:
43

44 **"24. EFFECTIVE DATE AND TERM.** This Agreement shall become effective
45 on the first day of the calendar month next following the effective date of the
46 Division's order approving statutory unitization upon the terms and conditions of
47 this Agreement, as amended (if any amendment is necessary) to conform to the
48 Division's order; approval of this Agreement, as so amended, by the Land
49 Commissioner; and the A.O. and the filing by Unit Operator of this Agreement or
50 notice thereof for record in the office of the County Clerk of Lea County, New
51 Mexico. Unit Operator shall not file this Agreement or notice thereof for record,
52 and hence this Agreement shall not become effective, unless within ninety (90)
53 days after the date all other prerequisites for effectiveness of this Agreement have
54 been satisfied, such filing is approved by Working Interest Owners owning a
55 combined Unit Participation of at least sixty-five percent (65%) as to all Tracts
56 within the Unit Area.
57

58 "Unit Operator shall, within thirty (30) days after the Effective Date of this
59 Agreement, file for record in the office of the County Clerk of Lea County, New
60 Mexico, a certificate to the effect that this Agreement has become effective in

1 accordance with its terms, therein identifying the Division's order approving
2 statutory unitization and stating the Effective Date."

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

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

- 11
12 (a) If any amendment of this Agreement has the effect of reducing any Royalty
13 Owner's participation in the production of Unitized Substances, such Royalty
14 Owner shall not be deemed to have hereby approved the amended agreement
15 without the necessity of further approval in writing by said Royalty owner; and
16
17 (b) If any amendment of this Agreement and/or the Unit Operating Agreement has the
18 effect of reducing any Working Interest Owner's participation in the production of
19 Unitized Substances or increasing such Working Interest Owner's share of Unit
20 Expense, such Working Interest Owner shall not be deemed to have hereby
21 approved the amended agreements without the necessity of further approval in
22 writing by said Working Interest Owner.
23
24

25 Executed as of the day and year first above written.
26

27 ATLANTIC RICHFIELD COMPANY
28

29
30
31 Date: _____

32 By: _____
33 T. L. Holland
34 Attorney-in-Fact
35
36
37
38

1
2
3 STATE OF TEXAS §
4 §
5 COUNTY OF MIDLAND §
6

7 This instrument was acknowledged before me on this ____ day of
8 _____, 1992, by T. L. HOLLAND, as Attorney-in-Fact of ATLANTIC
9 RICHFIELD COMPANY, a Delaware corporation, on behalf of said corporation.
10

11 _____
12 _____
13 (Print Name)
14

15
16
17 My Commission Expires:
18 _____

Notary Public in and for the State of Texas

T
25
S

T
26
S

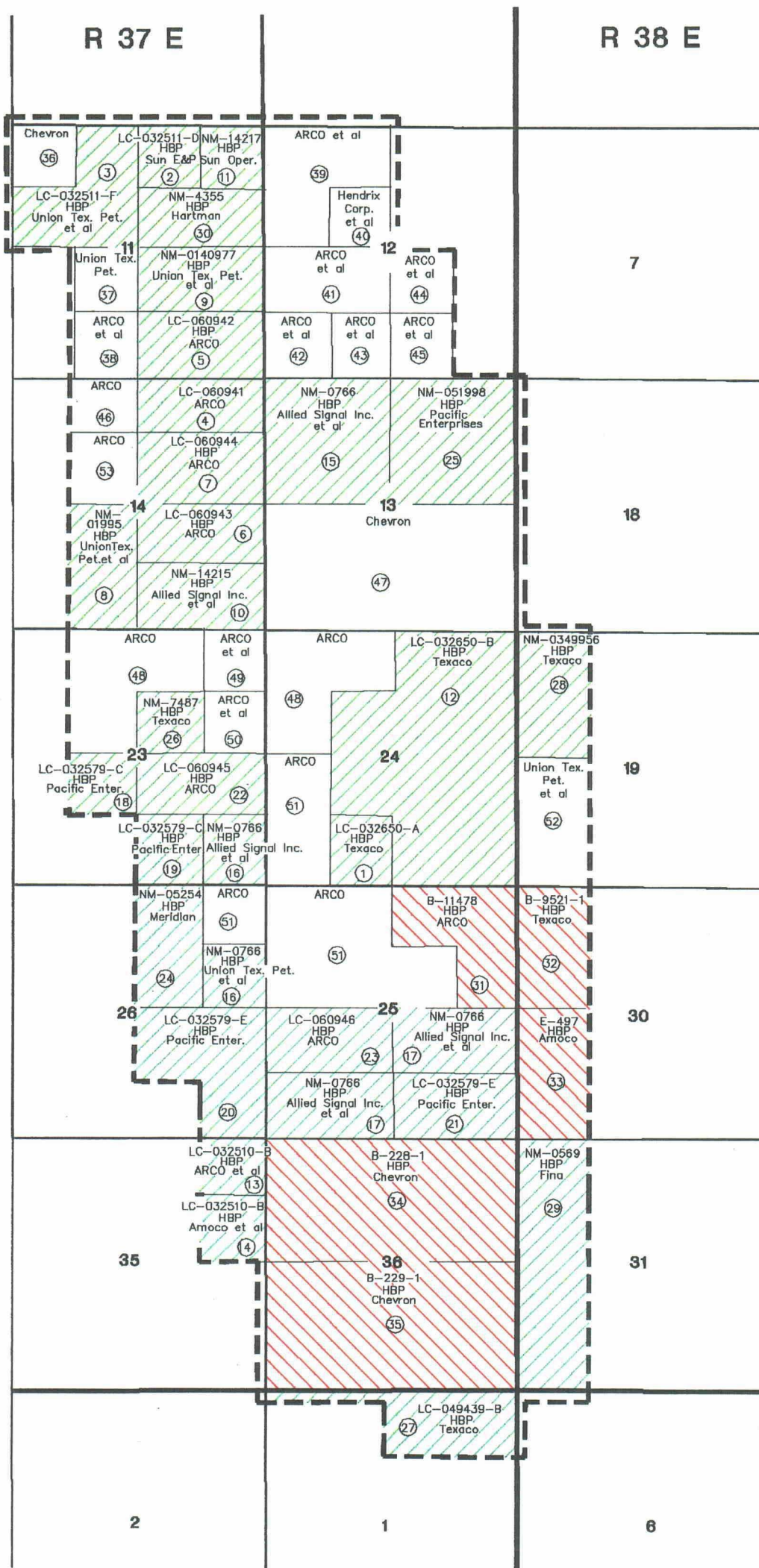


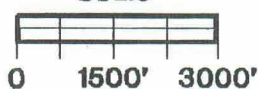
Exhibit A To Unit Agreement

ARCO Oil & Gas
South Justis Unit
Lea County, New Mexico
Scale: 1"=3000'
By: R. Pyle
Date: 8-92
Dept: Exploration
Drawn By: RGJ
Date: 8-92
Dwg. No. SJU37G

Legend

- Unit Boundary
- (5) Tract Number

Scale



Patented
Federal
State

	Acreage	Percentage
Patented	1,640.0	30.60
Federal	2,800.0	52.24
State	920.0	17.16
Total	5,360.0	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	Owner	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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth 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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth 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%	The Aurand Company Miriam B. Johnson Alice Robertson William E. Thomas, II 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%	The Aurand Company Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership Amoco Production Co. Alice N. Robertson William E. Thomas II William E. Thomas II ARCO Cospen Oil, Inc. 81.250000% 18.750000%

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	Owner	Sliding Scale	ARCO	Lessee of Record Percentage	Owner	Overriding Royalty Owner Percentage	Owner	Working Interest Owner Percentage
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	William E. Thomas, II	Sliding Scale	ARCO	100.0000%	0.390600%	ARCO	100%	
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	The Aurand Company Miriam B. Johnson MM Petroleum Corp. Alice N. Robertson William E. Thomas, II	Sliding Scale	ARCO	100.0000%	0.390600% 0.390600% 4.687500% 0.390700% 0.390600%	ARCO	100%	
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	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Betty Lou Linehan Barbara Jean Rolliff Alfred B. Karnes, Jr	Sliding Scale	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	83.333333% 16.66667%	0.227860% 0.227860% 0.227870% 0.683590% 0.683590% 1.562500%	Meridian Oil Production, Inc.	100%	
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	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Betty Lou Linehan Barbara Jean Rolliff Alice N. Robertson William E. Thomas II The Aurand Company Miriam B. Johnson Partnership	Sliding Scale	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. Doyle Hartman & wife, Margaret M. Hartman James A. Davidson, single Larry A. Nernyr, single James E. Burr & wife, Lo Veta F. Burr Jack Fletcher & wife, Delphia Fletcher	62.500000% 12.597656% 12.500000% 8.886719% 3.125000% 0.195313% 0.097656% 0.097656% 0.097656%	

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
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	Allied Signal, Inc. Sun Expl. & Prod. Co.	83.3333% 16.667%
						J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Ratliff 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% 0.390620%
						Meridian Oil Production, Inc. Cospen 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.	58.33333% 41.66667%
						Ernest E. Richeieu, 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.	100.0000%
						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	50.00000% 50.00000% 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		Lessee of Record		Overriding Royalty Owner		Working Interest Owner	
				Percentage		Percentage		Percentage		Percentage	
14	SE/4 NE/4 Section 35, T-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. Allied Signal Inc. Sun Operating Ltd. Partnership	50.00000% 41.66670% 08.33330%	J. Steve Anderson III Carlo Louise Austin Thomas W. Anderson Barbara Jeanne Ratliff Betty Lou Linehan William E. Thomas Alice N. Robertson The Aurand Company Mariam B. Johnson Partnership	0.227860% 0.227870% 0.227860% 0.683590% 0.683590% 0.390630% 0.390630% 0.390620%	Meridian Oil Production, Inc. Cospen Oil, Inc.	91.666670% 8.333000%
15	NW/4 Section 13, T-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	Allied Signal Inc. Sun Operating Limited Partnership	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Jack Linehan & Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc.	100%
16	SE/4 SE/4, Section 23 SE/4 NE/4, Section 26, T-25-S, R-37-E, Lea County, New Mexico	80	NM-0766 11/8/37 HBP	United States – Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%
17	S/2 SW/4, N/2 SE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	160	NM-0766 11/8/37 HBP	United States – Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carla L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%

EXHIBIT "B"

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

Tr. No.	Description of Land	Serial No. & Eff. Date		Basic Royalty Owner Percentage		Lessee of Record Percentage		Overriding Royalty Owner Percentage		Working Interest Owner Percentage	
		Acres									
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	100.0000%	Pacific Enterprises Oil Co. Marathon	3.992852% 1.522223%	American Exploration Co. Company 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	100.0000%	Pacific Enterprises Oil Co. Marathon	2.851852% 1.222223%	American Production Partnership VI Ltd. American Exploration Company American Exploration Acquisition VI Corp. American Production Partnership VII Ltd. New York Life Oil & Gas Production Partnership II-G New York Life Oil & Gas Prod. Partnership II-E New York Life Oil & Gas Production Partnership II-F New York Life Oil & Gas Production Partnership III-B	52.083700% 1.819401% 12.426200% 4.548503% 11.345223% 9.983413% 4.676366% 3.117194%
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	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%
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	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%

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	Schedule "B" ARCO	100.0000%	Diane Rene Stewart Board of Trustees of the Leland Stanford Junior University 0.171400% ARCO 100%
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	Sliding Scale ARCO	100.0000%	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 Moy Rasmussen Anna Moy Rasmussen Marathon Oil Company 0.116100% 0.113600% 0.113599% 0.113601% 0.116100% 2.766260% 0.085540% 0.340800% 0.340800% 0.500000% 0.500000% 0.250000% 0.335000% 0.165000% 0.500000% 0.250000% 1.222200% ARCO 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	Sliding Scale Meridian Oil Production Inc.	100.0000%	ARCO Meridian Oil Production, Inc. Larry A. Nernyr 50.000000% 49.218750% 0.781250%

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	Owner	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
25	NE/4 Section 13, T-25-S, R-37-E, Lea County, New Mexico	160	NM-051998 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Company 70% Morathon 30%
26	SW/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	NM-7487 2/1/88 (renewal)	United States - Bureau of Land Management	12.500000%	Texaco USA	100.0000%	Texaco 100%
27	N/2 NE/4 Section 1, T-26-S, R-37-E, Lea County, New Mexico	80	LC-049439-B 10/3/38 HBP	United States - Bureau of Land Management	Sliding Scale	Texaco Expl. & Prod. Inc.	100.0000%	Ronald K. Deford George D. & Edith G. Riggs Living Trust Wills Royalty Inc. 0.625000% 0.625000%
28	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the Blinbry Formation only	80	NM-034956 6/1/47 HBP	United States - Bureau of Land Management	12.500000%	Texaco Expl. & Prod. Inc.	100.0000%	John M. Loffland, Jr. T. A. Pedley, Jr. c/o Thomas J. Hoyes Effie E. Volintine c/o United California Bank First Interstate Bank of Denver NA, Account No. 120003306 James N. Coll Charles H. Coll Max W. Coll II Jon F. Coll RepublicBank Dallas NA Trustee U/W/O Selma E. Andrews, Trust #5188 Franz R. Lupton, Jr. 0.125000% 0.015630% 0.007810% 0.214840% 0.014650% 0.014650% 0.014640% 0.014650% 0.268530%

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
28A	W/2 NW/4 Section 19, T-25-S, R-38-E, Leo County, New Mexico insofar as the Tubb/Drinkard formation only	80	NM-0349956 6/1/47 HBP	United States - Bureau of Land Management 12.500000%	Texaco Expl. & Prod. Inc. 100.00000%	c/o Lupron Enterprises Inc. 0.007810% Julie Ann Lupton c/o World Savings & Loan Bradshaw Bobb Lupton 0.015620% Charles T. Lupton, Jr. c/o Bank of America, Arroyo Grande Branch Lawrence L. Pedley 0.015630% John C. Pedley 0.005210% David M. Pedley 0.005210% Morth L Schneidewind 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 c/o J. Thomas Schieffer 0.125000% Lucy O. Ross 0.125000%	100%
						John M. Loffland, Jr. 0.125000% T. A. Pedley, Jr. c/o Thomas J. Hayes 0.015630% Effie E. Volintine c/o United California Bank 0.007810% First Interstate Bank of Denver NA, Account No. 120003306 First Interstate Bank Denver Trustee of the Estate of Charles T. Lupton 0.214840%	

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	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	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, Leo County, New Mexico	80	NM 4355 4/1/56 HBP	United States - Bureau of Land Management	Sliding Scale	Doyle Hartman	100.0000%	

EXHIBIT " B"

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

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Percentage	Owner	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner Percentage
STATE LANDS								
31	N/2 NE/4, SE/4 NE/4 Section 25, T-25-S, R-37-E Leo 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 Leo County, New Mexico	80	B9521-1 2/10/42 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	Texaco Inc.		Texaco Inc. 100%
33	W/2 SW/4 Section 30, T-25-S, R-38-E Leo County, New Mexico	80	E-497-1 8/10/37 HBP	Commissioner of Public Lands - State of New Mexico	12.500000%	MW Petroleum Corp.		Apache 100%
34	N/2 Section 36, T-25-S, R-37-E Leo 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 Leo 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	Overriding Royalty Owner	Working Interest Owner			
				Percentage	Percentage	Percentage			
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 Theodocia G. Bates Warren J. Bates Charles T. Bates, Jr. James Henry Beatty Elizabeth Beatty Dudley Lucille Chism Bates Wilma Chism Loin Mary Helen Seeton Elinor C. Shaughnessy Amerada Hess Corporation Ellis Rudy Ritts Royalty Company Thomas G. Voss Judd Moore Marion U. & Donald B. Heard Mildred Smith Rowls Magabel Smith Rule Cassius L. Smith Rosa Lee Smith Johnson Katie Smith Hazelhurst Eva W. Graham Mary Smith Bowers Richard L. Cromatie, Jr. Jane Cromatie Williams T. L. Woolen	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 Petr. Products Co. Div. of Atlantic Richfield Co.	0.612700%	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	Overriding Royalty	Owner	Working Interest	Owner
				Percentage		Percentage		Percentage	
	John D. Atkins			0.020500%					
	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 Juilon Erickson			0.005170%					
	John Warren Erickson			0.005160%					
	Mary Elinor Erickson Knox			0.005170%					
	Don J. Robertson			0.223200%					
	Romo A. Syfert			0.034730%					
	Rosalind Liethold			0.002170%					
	William M. Diltmer, Sr.			0.002170%					
	John A. Diltmer			0.002170%					
	Albert Diltmer			0.002900%					
	Charles A. Burgess			0.034730%					
	Ellen E. Booker			0.002170%					
	Luelia 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%					
	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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	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%		
	Sobine Royally Trust					
	NCNB Texas National Bank					
	Escrow Agent			0.574000%		
	The Normmensen 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					
	Thrid National Bank of					
	Nashville, Trustee, Attn:					
	Richard Gammel, c/o Trust					
	Managment Division			0.892900%		
	Texas Commerce Bank of					
	San Angelo, Trustee, FBO			0.149870%		
	W. V. Leftwich					
	Texas Commerce Bank of					
	San Angelo, Trustee, FBO					
	Brenda Ronoldson			0.074930%		
	Texas Commerce Bank of					

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	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					
	Oleta 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. Amonle			0.004430%		
	Dorothy Hoburn 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%		
	Thomas J. Galbraith Char. Trt.					

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	
37	NE/4 SW/4 Section 11, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Fst Intrst Bk Az, Suc Trste Fst Intrst Bk Ok, Agent Acct #49-8093-00-4			
				0.669600%			
				Joe & Jessie Crump Fund Jessie B. Crump, David C. Blevins & Texas American Bank of Fort Worth, Trustees Texas Commerce Bank N. A. Agent & A/I/F for Mary Moran Fagan, Trust Sec. 63140 Jessie B. Crump Trust 1069 c/o NCNB Texas and J. B. Crump			
				1.562500%			
				Cathie Cone Avunshine Clifford Cone Donno Frost & Leon Binkley Personal Representatives Kathleen Cone Estate Tom R. Cone Kenneth G. Cone June D. Speight	0.078130% 0.078130% 0.390600% 0.078130% 0.078130% 2.343740%	Meridian Oil Production, Inc.	100%
				1.562500%			
				Eunice James Gray Hendrick Medical Center Stephen N. James J. Hiram Moore, Betty Jane Moore and Michael Harrison, Trustees Liberty Not'l Bk & Trust Co. Charles Pile, Trustee Trust #142836006 Betty Moran Rice John J. Moran Trust R. J. Moran & T. E. Swift, Trustees First City Texas- Midland Trustee,			
				0.781250% 3.125000% 0.781250%			
				3.906250%			
				1.562500% 1.562500%			
				3.125000%			

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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	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. Brodrick			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			0.6944444%		
	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 Mehhop			1.302160%		
	ARCO			0.312500%		
	Dorothy Stuart Bruno			0.152082%		
	Kenneth G. Cone			0.104168%		
	Clifford Cone			0.104168%		
	Avril Stuart Dew			0.152082%		
	J. H. Herd			0.468751%		

EXHIBIT "B"

10 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
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	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%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust	1.562500%	
				Fino Oil and Chemical Company	3.125000%	
				Lee M. Bass, Inc.	0.390625%	
Sid R. Bass, Inc.	0.390625%					
Keystone, Inc.	0.390625%					
Thru line, Inc.	0.390625%					
C. W. Samuels	0.390625%					
Nationsbank of Texas, NA (as successor), Escrow Agent-Sobine						
Royalty Trust	1.562500%					
Atlantic Richfield Company	10.625000%					

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	
39A	NE/4 NW/4, Section 12, T-25-S, R-37-E, Leo 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 Fino Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru Line, Inc. C. W. Samuels Notionsbank of Texas, NA (as successor), Escrow Agent- Sabine Royalty Trust Atlantic Richfield Company		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, Leo 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 Fino Oil and Chemical Company Lee M. Bass, Inc. Sid R. Bass, Inc. Keystone, Inc. Thru line, Inc. C. W. Samuels Notionsbank of Texas, NA		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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
40	SE/4 NW/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	(as successor), Escrow Agent- Sobine Royalty Trust	1.562500%	
				Atlantic Richfield Company	10.625000%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust		
				Fina Oil and Chemical Company	1.562500%	
				Lee M. Boss, Inc.	3.125000%	
				Sid R. Boss, Inc.	0.292969%	
				Keystone, Inc.	0.292969%	
				Thru line, Inc.	0.292968%	
				C. W. Samuels	0.390625%	
40A	SE/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	40	HBP	Notionsbank of Texas, NA (as successor), Escrow Agent- Sobine Royalty Trust	1.562500%	
				Atlantic Richfield Company	10.625000%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust		
				Fina Oil and Chemical Company	1.562500%	
				Lee M. Boss, Inc.	3.125000%	
					0.292969%	
40A	SE/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	40	HBP	Atlantic Richfield Company	11.250000%	
40A	SE/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	40	HBP			

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	
				Percentage			Percentage		Percentage	
41	N/2 SW/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	80	HBP	Sid R. Boss, 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 -		1.562500%				
				Sabine Royalty Trust						
				Atlantic Richfield Company		10.625000%				
				Delltex Royalty Co., Inc		0.878906%				
				Way Enterprises, Inc.		0.878906%				
				Thomas H. Law, Hamilton						
				Rodgers & Margaret Snider						
				for Nancy S. Tilly Snyder		0.781250%				
				Beverly Anne Carter		0.878906%				
				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 Borby		0.073242%				
				Heirs or devisees of Almo						
				Pearl Eaton Hughes Watkins.						
				Deceased		1.562500%				
				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						
				ARCO		45.312500%				
				Meridian Oil Production Inc.		15.380859%				
				Lee M. Boss, Inc.		2.343750%				
				Sid R. Boss Inc.		2.343750%				
				Keystone Inc.		2.343750%				
				Thru Line Inc.		2.343750%				
				H.B. Fuqua, Trustee under the						
				Last Will and Testament of						
				Dolores Mooers, Dec'd		8.750000%				
				First National Bank of						
				Fl. Worth, Trustee		5.625000%				
				ORYX Energy Company		4.687500%				
				Mooers Oil Corporation		4.375000%				
				Delltex Royalty Company, Inc		3.125000%				
				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	Overriding Royalty	Owner	Working Interest	Owner
				Percentage		Percentage		Percentage	
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	J.E. Simmons Trust B - F/B/O Mary Jane Hond	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.	0.292969%				
				Keystone, Inc.	0.292969%				
				Thru line	0.292969%				
				Lee M. Bass	0.292968%				
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	Mooers Oil Corporation	0.546875%				
				Alma E.H. Matkins	1.562500%				
				Rose Gann	0.390626%				
				Charlene Rogers	0.390624%				
				Teambank, N.A.	1.093750%				
				Successor Trustee U/W/O					
				Dolores Mooers, Acct. #5976					
				NCNB Texas, Trustee of					
				the Mooers Trust,					
				Trustee #1311	0.703125%				
				ARCO	3.125000%				
				Sid R. Boss, Inc.	0.292969%				
				Keystone, Inc.	0.292969%				
				Thru line	0.292969%				
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	ARCO				45.312500%	
				Meridian Oil Production Inc.				15.380859%	
				Lee M. Boss, Inc.				2.343750%	

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	
				Percentage		Percentage		Percentage	
between the subsurface depths of 5,000 feet and 5,500 feet.				Lee M. Bass	0.292968%			Sid R. Bass Inc.	2.343750%
				Mooers Oil Corporation	0.546875%			Keystone Inc.	2.343750%
				Alma E.H. Watkins	1.562500%			Thru Line Inc.	2.343750%
				Rose Conn	0.390626%			H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd	8.750000%
				Charlene Rogers	0.390624%				
				Teambank, N.A.	1.093750%				
				Successor Trustee U/W/O Dolores Mooers, Acct. #5976				First National Bank of Ft. Worth, Trustee	5.625000%
				NCNB Texas, Trustee of the Mooers Trust, Trustee #1311	0.703125%			ORXX Energy Company	4.687500%
				ARCO	3.125000%			Mooers Oil Corporation	4.375000%
				First Ntl. Bank of Lubbock				Dellex Royalty Company, Inc	3.125000%
				Successor Trustee of J.E. Simmons Trust A				Woy Enterprises, Inc.	3.125000%
				F/B/O Jeon				*Meridian Oil Production Inc.	0.244141%
				Shipley Sullivan	0.219727%				
				First Ntl. Bank of Lubbock					
				Successor Trustee of Beulah H. Simmons Trust A F/B/O Jeon 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 Ntl. Bank of Lubbock	
Successor Trustee of J.E. Simmons Trust B – F/B/O Mary Jane Hand	0.219727%
Dellex Royalty Co., Inc	0.878906%
Woy Enterprises, Inc.	0.878906%

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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	
42A	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder						
				Beverly Anne Corler			0.781250%			
				Ollie Gann Cowden			0.878906%			
				Joyce Ann Brown			0.781250%			
				B.A. Christmas, Jr.			0.585938%			
				Brodford Ace Christmas			0.292969%			
				Mary T. Christmas Holladay			0.073242%			
				Candy Christmas			0.073242%			
				Helen Jane Christmas Barbry			0.073242%			
				Heirs or Devisees of Alma						
				Pearl Eaton Hughes Molkins, Deceased			1.562500%			
				Sid R. Bass, Inc.			0.292969%		ARCO	
				Keystone, Inc.			0.292969%		Lee M. Bass, Inc.	
				Thru Line			0.292969%		Sid R. Bass Inc.	
				Lee M. Bass			0.292968%		Keystone Inc.	
				Moovers Oil Corporation			0.546875%		Thru Line Inc.	
				Alma E.H. Molkins			1.562500%		H.B. Fuqua, Trustee under the	
				Rose Gann			0.390626%		last Will and Testament of	
				Charlene Rogers			0.390624%		Dolores Moovers, Dec'd	
				Teambank, N.A.			1.093750%		First National Bank	
				Successor Trustee U/W/O					of Ft. Worth, Trustee	
				Dolores Moovers, Acct. #5976					ORYX Energy Company	
				NCNB Texas, Trustee of					Moovers Oil Corporation	
				the Moovers Trust,					Deltex Royalty Company, Inc	
				Trustee #1311			0.703125%		Way Enterprises, Inc.	
				ARCO			3.125000%		*MeridianOil Production Inc.	
									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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	First NLI, Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan			0.219727%		
	First NLI, 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 NLI, Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand Delltex Royalty Co., Inc Way Enterprises, Inc.			0.219727%		
	Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.878906%		
	Joyce Ann Brown B.A. Christmos, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barbry Heirs or Deviseses of Alma			0.565938%		
				0.292969%		
				0.073242%		
				0.073242%		
				0.073242%		
				0.073242%		

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
				Percentage	Percentage	Percentage
43	SE/4 SW/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	Pearl Eaton Hughes Matkins, Deceased	1.562500%	
				Sid R. Bass, Inc. Keystone, Inc. Thru Line	0.292969%	ARCO
				Lee M. Bass	0.292968%	Lee M. Bass, Inc.
				Mooers Oil Corporation	0.546875%	Sid R. Bass Inc.
				Alma E.H. Matkins	1.562500%	Keystone Inc.
				Rose Gann	0.390626%	Thru Line Inc.
				Charlene Rogers	0.390624%	H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd
				Teambank, N.A.	1.093750%	First National Bank of Ft. Worth, Trustee
				Successor Trustee U/W/O Dolores Mooers, Acct. #5976		ORXX Energy Company
				MCNB Texas, Trustee of the Mooers Trust, Trustee #1311	0.703125%	Mooers Oil Corporation
				ARCO	3.125000%	Deltek Royalty Company, Inc
				First NII. Bank of Lubbock		Woy Enterprises, Inc.
				Successor Trustee of J.E. Simmons Trust A F/B/O Jean		*Meridian Oil Production Inc.
				Shipley Sullivan	0.219727%	
				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		

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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
44	NW/4 SE/4 Section 12, T-25--S, R-37-E, Leo County, New Mexico.	40	HBP	Mary Jane Hand	0.219727%				
				First NII, Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust B -					
				F/B/O Mary Jane Hand	0.219727%				
				Deltex Royalty Co., Inc	0.878906%				
				Woy Enterprises, Inc.	0.878906%				
				Thomas H. Low, Hamilton					
				Rodgers & Margaret Snider					
				for Nancy S. Tilly Snyder	0.781250%				
				Beverly Anne Carter	0.878906%				
				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 Barbly	0.073242%								
Heirs or Devisees of Alma									
Pearl Eaton Hughes Watkins,									
Deceased	1.562500%								
First NII, Bank of Lubbock									
Successor Trustee under the									
Last Wills and Testaments									
of J.E. Simmons and Beulah									
Simmons, Deceased	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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
between the subsurface depths of 5,000 feet and 5,450 feet				0.292968%	Lee M. Bass		2.343750%	Keystone Inc.	
				0.546875%	Moers Oil Corporation		2.343750%	Thru Line Inc.	
				1.562500%	Alma E.H. Watkins			H.B. Fuqua, Trustee under the	
				0.390626%	Rose Gann			Last Will and Testament of	
				0.390624%	Charlene Rogers		8.750000%	Dolores Moers, Dec'd	
				1.093750%	Teambank, N.A.			First National Bank of	
					Successor Trustee U/W/O		5.625000%	Fl. Worth, Trustee	
					Dolores Moers, Acct. #5976		4.687500%	ORXX Energy Company	
					NCNB Texas, Trustee of		4.375000%	Moers Oil Corporation	
					the Moers Trust,		3.125000%	Deltex Royalty Company, Inc	
					Trustee #1311		3.125000%	Way Enterprises, Inc.	
				0.703125%	ARCO		0.439454%	* Meridian Oil Production Inc	
				3.125000%	First Ntl. Bank of Lubbock				
					Successor Trustee of				
					J.E. Simmons Trust A				
					F/B/O Jean				
				0.219727%	Shipley Sullivan				
					First Ntl. Bank of Lubbock				
					Successor Trustee of Beulah				
					H. Simmons Trust A F/B/O				
				0.219726%	Jean Shipley Sullivan				
					First National Bank of Lubbock				
					Successor Trustee of Beulah				
					H. Simmons Trust B F/B/O				
				0.219727%	Mary Jane Hand				
					First Ntl. Bank of Lubbock				
					Successor Trustee of				
					J.E. Simmons Trust B -		0.219727%		
					F/B/O Mary Jane Hand		0.878906%		
					Deltex Royalty Co., Inc		0.878906%		
					Way Enterprises, Inc.		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
				Percentage	Percentage	Percentage
	Thomas H. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	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 Barby			0.073242%		
	Heirs or Devisees of Alma Pearl Eaton Hughes Watkins,					
	Deceased			1.757813%		
	William Riley Eaton			1.302083%		
	Kathryn Pearl Gordon			0.156250%		
	Marilyn Joan Craig			0.156250%		
	Air Wonda Jean Stutzman			0.156250%		
	Raymond Harrison Eaton			0.156250%		
	Helen Moy Hamilton			0.156250%		
	Daisey Elma Turner			2.083333%		
	Callie Eaton Pyeatt			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Treview Eaton			0.195313%		
	Linzy Hampie Eaton			0.195313%		
	Clarence Victor Eaton			0.195313%		
	ARlie Moe Eaton Wilson			0.195313%		
	Charlie E. Eaton			0.195313%		

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

ARCO	59.746796%
Lee M. Bass, Inc.	2.343750%
Sid R. Bass Inc.	2.343750%
Keystone Inc.	2.343750%
Thru Line Inc.	2.343750%
H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd	8.750000%
First National Bank of Fl. Worth, Trustee	5.625000%
Mooers Oil Corporation	4.375000%
Deltex Royalty Company, Inc	3.125000%
Woy Enterprises, Inc.	3.125000%
First National Bank of Lubbock, Successor Trustee under the Last Will Testament of J. E. Simmons, and Beulah H. Simmons,	3.125000%
Deceased	2.343750%
ORXX Energy Company	0.439454%
Meridian Oil Production Inc.	

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	F/B/O Mary Jane Hand			0.219727%		
	Dellex Royalty Co., Inc			0.878906%		
	Woy Enterprises, Inc.			0.878906%		
	Thomas H. Low, Hamilton					
	Rodgers & Margaret Snider					
	for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	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 Barby			0.073242%		
	Heirs or Deviseses of Almo					
	Pearl Eaton Hughes Matkins,					
	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 Moy Hamilton			0.156250%		
	Doisey Elmo Turner			2.083333%		
	Collie Eaton Pyeatt			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Trevier Eaton			0.195313%		
	Linzzy Hampie Eaton			0.195313%		
	Heirs or Deviseses of Almo					
	Pearl Eaton Hughs Matkins,			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	Overriding Royalty	Owner	Working Interest	Owner
				Percentage		Percentage		Percentage	
45	SW/4 SE/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	Deceased	0.195313%			ARCO	32.812500%
				Clarence Victor Eaton	0.195313%			Meridian Oil Production, Inc	27.685547%
				Artie Mae Eaton Wilson	0.195313%			Lee M. Bass, Inc.	2.343750%
				Charlie E. Eaton	0.195313%			Sid R. Bass Inc.	2.343750%
								Keystone Inc.	2.343750%
								Thru Line Inc.	2.343750%
								H.B. Fuqua, Trustee under the	
								Lost Will and Testament of	
								Dolores Mooers, Dec'd	8.750000%
								First National Bank of	
				Sid R. Bass, Inc.	0.292969%			Ft. Worth, Trustee	5.625000%
				Keystone, Inc.	0.292969%			ORIX Energy Company	4.687500%
				Thru Line	0.292969%			Mooers Oil Corporation	4.375000%
				Lee M. Bass	0.292968%			Deltex Royalty Company, Inc	3.125000%
				Mooers Oil Corporation	0.546875%			Woy Enterprises, Inc.	3.125000%
				Alma E.H. Watkins	1.562500%			*Meridian Oil Production Inc.	0.439453%
				Rose Gann	0.390626%				
				Charlene Rogers	0.390624%				
				Teambank, N.A.	1.093750%				
				Successor Trustee U/W/O					
				Dolores Mooers, Acct. #5976					
				MCNB Texas, Trustee of					
				the Mooers Trust,					
				Trustee #1311	0.703125%				
				ARCO	3.125000%				
				First NII. Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					
				Shipley Sullivan	0.219727%				
				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					

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
	Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand			0.219727%		
	First NLI Bank of Lubbock					
	Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand			0.219727%		
	Dellex Royalty Co., Inc			0.878906%		
	Way Enterprises, Inc.			0.878906%		
	Thomas H. Low, Hamilton					
	Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmas, Jr.			0.292969%		
	Bradford Ace Christmas			0.073242%		
	Mary I. Christmas Holiday			0.073242%		
	Candy Christmas			0.073242%		
	Helen Jane Christmas Barbry			0.073242%		
	Heirs or Deviseses 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 Pyettl			0.260417%		

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	
				Percentage		Percentage		Percentage	
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	Jennie Lois Eaton Hodges	0.195313%				
				William Henry Eaton	0.195313%				
				Charlie Trever Eaton	0.195313%				
				Linzzy Hampie Eaton	0.195313%				
				Heirs or devisees of Alma					
				Pearl Eaton Hughes Matkins,					
				Deceased	0.195313%				
				Clarence Victor Eaton	0.195313%				
				Artie Mae Eaton Wilson	0.195313%				
				Charlie E. Eaton	0.195313%				
				Sid R. Boss, Inc.	0.292969%			ARCO	32.812500%
				Keystone, Inc.	0.292969%			Meridian Oil Production, Inc	27.685547%
				Thru Line	0.292969%			Lee M. Boss, Inc.	2.343750%
				Lee M. Boss	0.292968%			Sid R. Boss Inc.	2.343750%
				Moers Oil Corporation	0.546875%			Keystone Inc.	2.343750%
				Alma E.H. Matkins	1.562500%			Thru Line Inc.	2.343750%
				Rose Gann	0.390626%			H.B. Fuqua, Trustee under the	
				Charlene Rogers	0.390624%			Last Will and Testament of	
				Teambank, N.A.	1.093750%			Dolores Moers, Dec'd	8.750000%
				Successor Trustee U/W/O				First National Bank of	
				Dolores Moers, Acct. #5976				Ft. Worth, Trustee	5.625000%
				NCNB Texas, Trustee of				ORYX Energy Company	4.687500%
				the Moers Trust,				Moers Oil Corporation	4.375000%
				Trustee #1311	0.703125%			Deltex Royally Company, Inc	3.125000%
				ARCO	3.125000%			Way Enterprises, Inc.	3.125000%
				First Ntl. Bank of Lubbock				* Meridan Oil Production Inc	0.439453%
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					

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
				Percentage	Percentage	Percentage
	Shipley Sullivan First NLI. 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 NLI. 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. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter			0.219727%		
				0.219726%		
				0.219727%		
	Joyce Ann Brown B.A. Christmos, Jr. Bradford Ace Christmos Mary T. Christmos Holladay Candy Christmos Helen Jane Christmos Barby Heirs or Deviseses of Alma Pearl Eaton Hughes Molkins, Deceased William Riley Eaton Kathryn Pearl Gordon			0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 0.073242% 1.562500% 1.302083% 0.156250%		

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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
46	NE/4 NW/4 Section 14, T-25-S, R-37-E Leo County, New Mexico	40	HBP		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 Trevier Eaton	0.195313%			
					Linzy Homple Eaton	0.195313%			
					Heirs or Devises 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%			
					Laura R. Stuart	0.076039%			
					Anne Stuart Marble	0.076039%			
					Deso L. Lee Laird	0.260430%			
					Maurine Johnson, Trustee	0.062502%			
					John J. Redfern III				
					Ind. Executor of the Estate				
					of John J. Redfern, Jr.	0.234374%			
					Lillie M. Yates, Frank W. Yates				
					and S. P. Yates, Personal				
					Representatives O/E/O				
	Martin Yates III	0.219440%							
	NCNB Texas National Bank								
	Trustee of the Donald L.								

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
				Percentage	Percentage	Percentage
	Jones Trust			0.260422%		
	NCNB Texas National Bank					
	Trustee of the Lottie D.					
	Jones Trust			0.260422%		
	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. Brodrick			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 Kostman			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 Mehhop			1.302160%		

EXHIBT "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	
				Percentage		Percentage		Percentage	
47	S/2 Section 13, T-25-S, R-37-E, Lea County, New Mexico	320	HBP	ARCO		0.312500%			
				Drotha Stuart Bruno		0.152082%			
				Kenneth G. Cone		0.104168%			
				Clifford Cone		0.104168%			
				Avril Stuart Dew		0.152082%			
				J. H. Herd		0.468751%			
				Katherine Adeleine Cone Keck		0.694444%			
				Phoebe Shelton		0.213400%			
				Irene Stuart Smoll		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%			
				Leon G. Byerly		0.195300%			
				M. L. Davis Oil Trust				Chevron	
				First Interstate Bank of					
				Oklahoma, Successor Trustee		0.004900%			
				Royalth Holding Company		2.636700%			
				James Henry Beorly		0.023900%			
				Elizabeth Beorly Dudley		0.023900%			
				Elliot Oil Company		0.390700%			
				Audrey M. Curry Baker		0.000200%			
				Gordon G. Lancaster					
				c/o Fidelity USA					
				Account #507-188093		0.195300%			
				Elinor C. Shoughnessy		0.0718100%			

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
				Percentage	Percentage	Percentage
	Amerodo Hess Corporation			3.125000%		
	Earle M. Simon			0.002400%		
	Harry Levy			0.002400%		
	Yeva K. Nelson			0.009800%		
	Margaret R. Ellison			0.001200%		
	C. S. Daley			0.002500%		
	Joseph Nelson			0.004900%		
	Ellis Rudy			0.018100%		
	Ritts Royalty Company					
	Bank of Oklahoma Tulsa NA					
	Agent & Atty-in-Fact			0.752300%		
	Joy Rene Pope			0.048900%		
	Goylene Ashcraft			0.048800%		
	Beverly B. Nelson			0.002400%		
	Judd Moore			0.047700%		
	Morton U. & Donald B. Heard			0.162700%		
	Mildred Smith Rowls			0.010330%		
	Mogobel Smith Rule			0.010330%		
	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%		
	Jone Cromartie Williams			0.011950%		
	T. L. Woolen			0.010330%		
	Lillian Smith Word			0.005170%		
	Betty S. Warren			0.001300%		
	Frances Woolen Scott			0.005170%		
	Frank L. Smith			0.010330%		
	H. Winfield Smith, Jr.			0.010330%		

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
				Percentage	Percentage	Percentage
				0.005170%		
	Harry E. Smith			0.000650%		
	Harry Eldon Smith			0.010330%		
	Mary M. Smith			0.010330%		
	Maude S. Smith			0.011620%		
	R. P. Smith			0.001300%		
	Robert H. Smith			0.000650%		
	Dudley M. Smith			0.001200%		
	Lena Ann Blake			0.006040%		
	Philip Julian Erickson			0.006030%		
	John Warren Erickson			0.006030%		
	Mary Elinor Erickson Knox			0.002400%		
	Mary A. Fosken			0.040500%		
	Romo A. Syfert			0.002530%		
	Rosalind Liethold			0.002530%		
	William M. Diltmer, Sr.			0.002530%		
	John A. Diltmer			0.003380%		
	Albert Diltmer			0.040500%		
	Charles A Burgess			0.002530%		
	Ellen E. Booker			0.013500%		
	Luello Boes Forwolder					
	Donald Woods			0.013500%		
	c/o Penny Roofing Company			0.097600%		
	Joe William Gray			0.005810%		
	W. M. Riddle & Betty J. Riddle					
	Archie D. Smith & Clarabelle					
	Beas Trust dtd 12-9-70			0.752300%		
	Archie D. Smith, Jr., Trustee			0.011620%		
	Sarah S. Smith					
	O. W. Skirvin Test Trust					
	American National Bank					
	Co Trustee			0.217000%		

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
				Percentage	Percentage	Percentage
	G. I. Blankenship Texas American Bank, Successor Trustee U/W/O Dolores Mooers, Acct #5976			0.605500%		
	NCNB Texas National Bank of Fl. Worth, Trustee U/A of the Canpey Hanger et al Mooers Trust			0.989100%		
	Richard A. Whittington			0.635850%		
	D. V. Thompson			0.000330%		
	c/o Richard A. Whittington American State Bank and Martha McEvoy Pope, Co- Trustees of the Hattie C. Williams Trust U/W dated 8-10-81			0.000320%		
	Betty L. Amonle			0.195300%		
	Beams Minerals Company			0.005170%		
	Susan Lamb Griffith			0.039200%		
	John Austin Ritenhouse			0.000300%		
	Judith Ritenhouse			0.000300%		
	Thomas W. Tucker					
	c/o Susan L. Griffith			0.000060%		
	April Elizabeth Tucker			0.000060%		
	Floyd M. Melton, Jr. Guardian for Molly Catherine Lamb			0.000060%		
	Floye M. Melton, Jr. Guardian for Loren Tyner Lamb			0.000060%		
	Libby L. Underwood Morrish			0.002400%		

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
				Percentage	Percentage	Percentage
48	E/2 NW/4, NW/4 NE/4 Section 23, N/2 NW/4, SW/4 NW/4 Section 24, T-25-S, R-37-E, Lea County, New Mexico	240	HBP	TOC-Gulf Coast Inc.		
				c/o Fina Oil & Chemical Co.		
				Mooers Oil Corporation	0.390700%	
				Steven R. Fine	0.494550%	
				Kathleen F. Smith	0.005810%	
				R. E. Guest, Oil Producer	0.010330%	
					0.001000%	
				Sharon Antoinette Dumas		
				Jerry N. Nislor	0.0520850%	
				Mildred Nislor	0.0039075%	
				Joan N. Brown	0.0078150%	
				Mark A. Hennifin	0.0039075%	
				American State Bk and Martha McEvoy Pope, Co-Trustees of the Hattie C. Williams Trust	0.130213%	ARCO
				Louella M. Kelly, Life Estate	0.781300%	
				James M. Morey and The Liberty N'l Bk, Co-Trustees of the Onez Norman Rooney Testamentary Trust, Trust # 1143074008	0.113270%	
				Jimmy D. Morey and Mary M. Morey, Co-Trustees of the Jimmy D. Morey Revocable Trust	0.292950%	
				Marilyn M. Low and James	0.146475%	

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
	B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%		
	Douglas Cone Trust, Marilyn Cone Trustee			0.089840%		
	The New Mexico Co. P.O. Box 2479			0.130212%		
	Leon Binkley & Donna Frost as Personal Rep's of the Estate of Kathleen Cone			0.449200%		
	Amarillo N11 Bk as Trustee for Sudo Willis Oles					
	Revocable Trust			0.113300%		
	Emil Mosbacher Jr. "C" Accl.					
	c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr. "A" Accl.					
	c/o R. Bruce Mosbacher			0.046800%		
	Emil Mosbacher Jr. "B" Accl.					
	c/o R. Bruce Mosbacher			0.469000%		
	Jo Ann SeEVERS			0.906360%		
	Kandly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust					
	North Central Oil Corp.			0.585900%		
	Southland Royalty Co.			1.093700%		
	Jo Ann SeEVERS Trustee of the Trust created in the w/o James N. SeEVERS			1.562500%		
	S.E. Cone Jr.			0.022659%		
				0.833330%		

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
				Percentage	Percentage	Percentage
	Marjorie Cone Kaslman			0.833330%		
	Christine Toles Elliott			0.065100%		
	Eunice Cone Gibson			0.156300%		
	Marabeth Toles Mangum			0.065100%		
	Robert Mosbacher I 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			0.089840%		
	Stewart Bachman, Jr.			0.101570%		
	Kenneth G. Cone			0.089840%		
	Clifford Cone			0.089840%		
	Tom R. Cone			0.089840%		
	Alyne Kelly Fuller			0.037763%		
	John H. Hendrix Corp.			0.260425%		
	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%		

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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
49	NE/4 NE/4 Section 23, T-25-S, R-37-E Leo County, New Mexico	40	HBP	Lyeth Oil Trust	0.565936%	ARCO
				Ira L. Elliot	0.010851%	
				E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees	0.010851%	
				Totes-COM Ltd.	0.065104%	
				Katherine Cone Keck	0.833333%	
				Joan Brown Trust, American St Bk and Jerry N. Nislar, Trustee	0.039063%	
				Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sto St Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Ora L. Nislar and American St Bk, Co-Trustees	0.039063%	
				Sharon Antonette Dumas	0.0520850%	
				Jerry N. Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	
				Joan N. Brown	0.0039075%	
				Mark A. Hannin American State Bk and Martha McEvoy Pope, Co-Trustees of the Hattie C. Williams Trust	0.781300%	
				Louella M. Kelly, Life Estate	0.113270%	James E. Burr and wife, LoVelo Burr Jack Fletcher and wife, Delphia Fletcher
				James M. Morey and The Liberty Mt'l Bk,		

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
	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. Low and James B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%		
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co. P.O. Box 2479			0.130212%		
	Leon Binkley & Donna Frost as Personal Rep.s of the Estate of Kathleen Cone			0.449200%		
	Amarillo NIT Bk as Trustee for Sudo Willis Oles Revocable Trust			0.113300%		
	Emil Mosbacher Jr. "C" Accl. c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr. "A " Accl. c/o R. Bruce Mosbacher			0.046800%		
	Emil Mosbacher Jr. "B" Accl. c/o R. Bruce Mosbacher			0.469000%		
	Jo Ann SeEVERS			0.906360%		

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
				Percentage	Percentage	Percentage
	Kanaly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%		
	North Central Oil Corp. Southland Royalty Co.			1.093700%		
	Jo Ann Seewers Trustee of the Trust created in the w/o James N. Seewers			1.562500%		
	S.E. Cone Jr. Morjorie Cone Kostmon Christine Toles Elliott			0.022659%		
	0.833330%			0.833330%		
	Eunice Cone Gibson Maybeth Toles Mangum			0.065100%		
	0.156300%			0.065100%		
	Robert Mosbacher I Acct. J. Penrod Toles and Sally Toles, Trustees of the			0.046900%		
	J. Penrod Toles Trust			0.065100%		
	Atlantic Richfield Company			0.781200%		
	Cathie Auvershine			0.089840%		
	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%		
	Phillip Lewis Lee			0.130200%		
	Randolph Palmer Lee			0.260400%		
	Edwin D. Lee			0.130200%		

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
				Percentage	Percentage	Percentage
	Robert Mosbacher A Ac			0.046900%		
	Robert Mosbacher I Ac			0.046900%		
	Robert Mosbacher K Ac			0.046900%		
	Oro Lee Nislor			0.195300%		
	American St. Bk. & Oro Lee					
	Nislor Co – Trustees of the					
	O.L. Nislor, Jr. Trust			0.097650%		
	American St. Bk & Oro Lee					
	Nislor Co – Trustees of the					
	Robert Nislor Trust			0.097650%		
	NCNB Texas NII Bk as					
	Trustee U/W Paul S. Oles			0.113270%		
	Mary Beth Kelly Ping			0.018887%		
	Nino Jeon Seewers Scott					
	as Trustee under Trust					
	Agreement executed by					
	Nina Jean Seewers Scott					
	as Grantor and Stewart					
	Bachman Jr. as Trustee			0.113295%		
	doted 7/27/1975.					
	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					

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
				Percentage	Percentage	Percentage
50	SE/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	HBP	Trust, Jimmy D. Morey and Mary Morey, Trustees	0.146484%	ARCO Doyle Hartman and wife, Margaret Hartman
				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. Elliot	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%	
50	SE/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	HBP	Joan Brown Trust, American St Bk and Jerry N. Nislar, Trustee	0.039063%	ARCO Doyle Hartman and wife, Margaret Hartman
				Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sts St Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Ora L. Nislar and American St Bk. Co-Trustees	0.039063%	
				Sharon Antoinette Dumas	0.0520850%	
				Jerry N. Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	

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
				Percentage	Percentage	Percentage
	Joan N. Brown			0.0039075%		Joe Mabee, marital status unknown
	Mark A. Hannifin			0.130213%		Apache
	American State Bk and					Headington Minerals, Inc.
	Martha McEvoy Pope,					James A. Davidson, separate property
	Co-Trustees of the			0.781300%		Meridian Oil Production, Inc.
	Hattie C. Williams Trust					*El Paso Production Co.
	Louella M. Kelly,			0.113270%		Betty Lou Linenon, separate property
	life Estate					Barbara Lu Ratliff, separate property
	James M. Morey and					J. Steve Anderson, marital status unknown
	The Liberty Nat'l Bk,					J. L. Burkhart, marital status unknown
	Co-Trustees of the Onez					Larry A. Nernyr, as his separate property
	Norman Rooney					James E. Burr and wife,
	Testamentary Trust,					Loyeta Burr
	Trust # 1143074008			0.292950%		Jack Fletcher and wife,
	Jimmy D. Morey and					Delphia Fletcher
	Mary M. Morey,					
	Co-Trustees of the					
	Jimmy D. Morey					
	Revocable Trust			0.146475%		
	Marilyn M. low and James					
	B. low, Co-Trustees of the					
	Marilyn M. low Revocable					
	Trust			0.146475%		
	Douglas Cone Trust,					
	Marilyn Cone Trustee			0.089840%		
	The New Mexico Co.					
	P.O. Box 2479			0.130212%		
	Leon Binkley & Donna					
	Frost as Personal Rep's					
	of the Estate of					
	Kathleen Cone			0.449200%		

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
				Percentage	Percentage	Percentage
	Amarillo N ¹ / ₄ Bk as Trustee for Sudo Willis Oles			0.113300%		
	Revocable Trust					
	Emil Mosbacher Jr. "C" Acct.			0.046900%		
	c/o R. Bruce Mosbacher					
	Emil Mosbacher Jr. "A " Acct.			0.046800%		
	c/o R. Bruce Mosbacher					
	Emil Mosbacher Jr. "B" Acct.			0.469000%		
	c/o R. Bruce Mosbacher			0.906360%		
	Jo Ann SeEVERS					
	Kanoly Trust Co. as					
	Successor Corporate					
	Trustee of the Lyeth			0.585900%		
	Oil Trust			1.093700%		
	North Central Oil Corp.			1.562500%		
	Southland Royalty Co.					
	Jo Ann SeEVERS Trustee of					
	the Trust created in the			0.022659%		
	w/o James N. SeEVERS			0.833330%		
	S.E. Cone Jr.			0.833330%		
	Marjorie Cone Kestman			0.065100%		
	Christine Toles Elliott			0.156300%		
	Eunice Cone Gibson			0.065100%		
	Marabeth Toles Mangum			0.046900%		
	Robert Mosbacher L Acct.					
	J. Penrod Toles and Sally					
	Toles, Trustees of the			0.065100%		
	J. Penrod Toles Trust			0.781200%		
	Atlantic Richfield Company			0.089840%		
	Cathie Auvenshine			0.101570%		
	Stewart Bachman, Jr.					

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
				Percentage	Percentage	Percentage
	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%		
	Philip 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 NII 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%		

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
				Percentage		Percentage		Percentage	
	Barbara Mosbacher C AC			0.046800%					
	Barbara Mosbacher S AC			0.046900%					
	Mary Louise Stringer			0.037763%					
	Headington Minerals			0.651042%					
	Philip 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. Low Revocable								
	Trust, Marilyn Low and								
	James B. Low, Trustees			0.146484%					
	A.L. Mongum			0.008138%					
	JMD Trust, A.L. Mongum,								
	Trustee			0.008138%					
	SEM Trust, A.L. Mongum, Jr.,								
	Trustee			0.008138%					
	Lyeth Oil Trust			0.585938%					
	Ira L. Elliot			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								
	St Bk and Jerry N. Nislar,								
	Trustee			0.039063%					
	Niky Ratliff, Nancy Wallace								
	and Joel Nislar Trust,								

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
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	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%				
				Ernie W. Turner	0.520710%				
				leck A. Jones	0.520710%				
				Lara Alison Wimberley Trust	0.032550%				
				Cloy David Wimberley Trust	0.032550%				
				Laura Healey Wimberly Trust	0.032560%				
				Emily Ann Wimberley Trust	0.032550%				
				Jesse Jameson Berg Trust	0.032550%				
52	W/2 SW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico, below 5,000 feet	80	HBP	Mary Megan Berg Trust	0.032550%				
				Alice W. Nielson	0.585940%				
				Leuie-Lane Wimberley Tisdall	2.604680%				
				Lewis Woodrow Wimberley	1.041410%				
				Benita Jean Birmingham	0.781250%				
				Lillian Bell	0.015700%				
				Beatrice Broy Blackburn	0.019530%				
				G. T. Blankenship	0.781250%				
				J. O. Buffington	0.015700%				
				Mollie Buffington Estate					
Pansy Weaver Administrator	0.036620%								
Texas State Treasurer f/A/O									
W. T. Buffington	0.015700%								
William W. Carlin	0.781250%								
John J. Christmann	0.024410%								

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
				Percentage	Percentage	Percentage
				Michael B. Collins		First Century Oil, Inc.
				0.195310%		0.694850%
				F. Ferrell Davis		Patricia Penrose Schieffer
				0.097650%		0.501830%
				Paul L. Davis, Jr.		Douglas Cone
				0.097660%		0.468750%
				Fairway Oil & Gas Company		Clifford Cone
				0.024410%		0.468750%
				The Helmer Company		Thomas R. Cone
				0.468750%		0.468750%
				Jack Workham		Kenneth G. Cone
				0.024410%		0.468750%
				J. Hiram Moore, Betty Jone		Cathie Cone Auveshine
				Moore and Michael Harrison		0.468750%
				Moore, Trustees		Colleen M. Wallace
				0.146480%		0.386030%
				United NM Trust Co. Trustee		Robert L. McPherson
				for Nevada Childrens		0.386030%
				Foundation Inc., Reno Cancer		Charles B. Reed
				Center & Nevada TB &		Donaldson Brown Trust A/C/I
				Health Association		0.347430%
				Charles B. Reed		W.K. Byrom
				0.146480%		3.088240%
				Linda Robison		
				0.015700%		
				Royalty Holding Company		
				2.343750%		
				Shriners Hospital for Crippled		
				Children		
				0.097660%		
				Eunice L. Smith		
				0.015700%		
				c/o B. L. Reeves		
				0.048820%		
				Jonl Tyson		
				0.097660%		
				Gertrude Olinger Tyson		
				0.024410%		
				James M. Welborn		
				NCNB Texas National Bank		
				0.820310%		
				Trustee, Trust #1311		
				Dolores Mooers Trust		
				Team Bank		
				Fort Worth Successor		
				1.276050%		
				Trustee, Acct #5976		

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
				Percentage	Percentage	Percentage
	Ivan L. Holl			0.015700%		
	Kathryn Everett Broy			0.019530%		
	Trust Corp of Montana					
	FBO Bessie L. Whelton			0.058590%		
	Peter Bales Tyson Estate					
	Jonl Tyson Successor Ind. Executor			0.048820%		
	ARC0			6.250000%		
	Mooers 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 Slack, 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. Barton Jr.			0.019530%		
	Mark E. Hodge			0.019530%		
	James Vance Cowan, Trustee			0.260420%		
	Benjamin Scott Cowan Trust					
	Jack Vance Cowan, Trustee			0.260420%		

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
53	SE/4 NW/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	40	unleased	ARCO	12.500000%	ARCO
						100%
TOTAL PAIEMTED ACRAGE -		1,640.0	PERCENTAGE OF UNIT (SURFACE ACRES) -	30.6%		

RECAPITULATION

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

EXHIBIT "C"

Attached to and made a part of that certain Unit Agreement dated _____, 19____, for the South Justis Unit located in Lea County, New Mexico

<u>TRACT NUMBER</u>	<u>UNIT PARTICIPATION PERCENT</u>
1	.648309
2	1.377364
3	3.383153
4	.813426
5	.821711
6	2.192094
7	1.829734
8	1.893095
9	1.278368
10	3.083234
11	1.850652
12	10.129934
13	.548765
14	1.040874
15	3.337506
16	1.915857
17	3.121720
18	.043063
19	1.277488
20	1.491918
21	2.323008
22	.837075
23	2.052803
24	.961458
25	1.197228
26	.921097
27	1.308680
28	.187129
28A	.202856
29	1.432614
30	2.359737
31	1.980553
32	1.154044
33	.436277
34	7.759747
35	4.153733
36	.165335
37	.288605
38	.281110

TRACT NUMBER**UNIT PARTICIPATION PERCENT**

39	.821142
39A	.160596
39B	.032708
40	.264797
40A	.051745
41	1.323544
42	.857037
42A	.353997
43	.535326
44	.054053
44A	.003731
45	.242369
45A	.044356
46	.768106
47	5.783629
48	6.745838
49	.825193
50	1.738529
51	5.893882
52	.453910
53	.964153
<hr/>	
TOTAL	100.000000
STATE	15.484354
FEDERAL	55.861953
<u>FEE</u>	<u>28.653693</u>
<hr/>	
TOTAL	100.000000

EXHIBIT "6"

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
ARCO	EXHIBIT NO. 6
CASE NO. 10552, 10553, 10554	

UNIT OPERATING AGREEMENT

SOUTH JUSTIS

UNIT AREA

COUNTY OF LEA

STATE OF NEW MEXICO

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1 **UNIT OPERATING AGREEMENT**
2 **SOUTH JUSTIS UNIT**
3 Lea County, New Mexico
4

5
6 **THIS AGREEMENT**, entered into as of the **1st day of September, 1992**,

7
8 **WITNESSETH:**
9

10 **WHEREAS**, the parties hereto as Working Interest Owners have executed an
11 agreement entitled "Unit Agreement for the Development and Operation of the
12 South Justis Unit, herein referred to as "Unit Agreement," which, among other
13 things, provides for a separate agreement to be entered into by the Working
14 Interest Owners to provide for Unit operations as therein defined;
15

16 **NOW, THEREFORE**, in consideration of the mutual agreements herein set
17 forth, it is agreed as follows:
18

19
20 **ARTICLE 1**
21

22 **Confirmation of Unit Agreement**
23

24 **1.1 Confirmation of Unit Agreement.** The Unit Agreement is hereby
25 confirmed and by reference made a part of this Agreement. The
26 definitions in the Unit Agreement are adopted for all purposes of this
27 Agreement. If there is any conflict between the Unit Agreement and
28 this Agreement, the Unit Agreement shall govern.
29

30 **1.2 Definitions.** The definitions contained in the Unit Agreement are
31 adopted for all purposes of this Agreement. In addition, the following
32 terms, when used herein, shall have the following meanings:
33

34 **1.2.1 Outside Substances** means all substances obtained from
35 any source other than the Unitized Formation and which
36 are injected into the Unitized Formation.
37

38 **1.2.2 Unit Production** means all Unitized Substances produced
39 and saved from the Unitized Formation.
40

41 **1.2.3 Oil and Gas** means not only oil and gas as such in
42 combination one with the other but means oil, gas,
43 casinghead gas, casinghead gasoline, condensate, or other
44 hydrocarbons or associated minerals, or any combination
45 thereof.
46

47 **1.2.4 Oil and Gas Rights** means the right to explore, develop
48 and operate lands within the Unit Area for the production of
49 Unitized Substances, or to share in the production so
50 obtained or the proceeds thereof.
51

52 **1.2.5 Lessee or Working Interest Owner** means an owner of a
53 Working Interest, as defined in the Unit Agreement.
54

55 **1.2.6 Royalty Owner** means an owner of a Royalty Interest as
56 defined in the Unit Agreement.
57

- 1 1.2.7 **Unit Participation** of each Lessee means the sum of the
2 percentages obtained by multiplying the Working Interest of
3 such Lessee in each Tract by the Tract Participation of such
4 Tract and is set forth in Exhibit "D" hereto.
5
6 1.2.8 **Unit Operations** means all operations conducted by the
7 Unit Operator pursuant to the Unit Agreement and this
8 Agreement.
9
10 1.2.9 **Unit Equipment** is all personal property, lease and well
11 equipment, plants and other facilities and equipment taken
12 over or otherwise acquired for the joint account for use in
13 Unit Operations.
14
15 1.2.10 **Unit Expense** means all cost, expense or indebtedness
16 incurred by the Unit Operator pursuant to the Unit
17 Agreement and this Agreement.
18
19 1.2.11 **Person** means any individual, corporation, partnership,
20 common law or statutory trust, association of any kind, the
21 State of Wyoming or any subdivision or agency thereof
22 acting in a proprietary capacity, guardian, executor,
23 administrator, fiduciary of any kind, or any entity capable of
24 holding an interest in the Unit Area.
25
26

27 **ARTICLE 2**

28 **Exhibits**

- 29
30
31 **2.1 Exhibits.** The following exhibits are incorporated herein by reference
32 or attachment:
33
34 2.1.1 **Exhibit A, B, and C** of the Unit Agreement being the Plat
35 of the Unit Area, the Description and Ownership of the Unit
36 Area, and the Tract Participation within the Unit Area,
37 respectively.
38
39 2.1.2 **Exhibit D**, attached hereto, is a schedule showing the
40 Working Interest owned by each Working Interest Owner in
41 each Tract, and the total Unit Ownership of each Working
42 Interest Owner.
43
44 2.1.3 **Exhibit E**, attached hereto, is the Accounting Procedure
45 applicable to Unit Operations. If there is any conflict
46 between this Agreement and Exhibit E, this Agreement
47 shall govern.
48
49 2.1.4 **Exhibit F**, attached hereto, contains insurance provisions
50 applicable to Unit Operations.
51
52 2.1.5 **Exhibit G**, attached hereto, contains the Equal Opportunity
53 Clause applicable to Unit Operations.
54
55 2.1.6 **Exhibit H**, attached hereto, contains the Gas Balancing
56 Agreement applicable to Unit Operations.
57

2.2 Reference to and Revision of Exhibits. When reference is made herein to an exhibit, it is to the original exhibit or, if revised, to the last revision. Whenever Exhibits A, B, or C are revised, Unit Operator shall also revise Exhibit D as necessary to conform to changes in ownership of which Unit Operator has been notified as provided in the Unit Agreement.

ARTICLE 3

Supervision of Operations By Working Interest Owners

3.1 Overall Supervision. Working Interest Owners shall exercise overall supervision and control of all matters pertaining to Unit Operations. In the exercise of such authority, each Working Interest Owner shall act solely in its own behalf in the capacity of an individual owner and not on behalf of the owners as an entity.

3.2 Specific Authority and Duties. The matters with respect to which Working Interest Owners shall decide and take action pursuant to Section 4.3 shall include, but not be limited to, the following:

3.2.1 **Method and Plans of Operation.** The method of operation, including the type of pressure maintenance or recovery program to be employed subject to approval of the AQ.

3.2.2 Drilling of Wells. The drilling, deepening or sidetracking of any well whether for production of Unitized Substances, for use as an injection well, or for other purposes.

3.2.3 Well Abandonment, Use and Conversion. The abandonment of any well; the use of any well for injection, salt water disposal, or for any purpose other than production; or the conversion of the use of any well from one purpose to another. The reactivation of a well which was shut-in or temporarily abandoned to its former use by Unit Operator shall not require prior approval of Working Interest Owners if the estimated expenditure is less than the expenditure limitation specified in Section 3.2.4.

3.2.4 **Expenditures.** The making of any single expenditure in excess of Fifty Thousand Dollars (\$50,000.00); however approval by Working Interest Owners of the drilling, reworking, deepening, or plugging back of any well shall include approval of all necessary expenditures required therefor, and for completing, testing, and equipping the well, including necessary flow lines, separators, and lease tankage.

3.2.5 Disposition of Unit Equipment. The selling or otherwise disposing of any item of surplus Unit Equipment, if the current price of new equipment similar thereto is in excess of Twenty-Five Thousand Dollars (\$25,000.00).

3.2.6 Appearance Before a Court or Regulatory Agency. The designating of a representative to appear before any court

1 or regulatory agency in matters pertaining to Unit
2 Operations; however, Unit Operator shall act as such
3 representative in the absence of the designation of a
4 different representative by Working Interest Owners. Such
5 designation shall not prevent any Working Interest Owner
6 from appearing in person or from designating another
7 representative in its own behalf.

8
9 3.2.7 **Audits.** The auditing of the accounts of Unit Operator
10 pertaining to Unit Operations hereunder; however, the
11 audits shall

12
13 (a) not be conducted more than once each year except
14 upon the resignation or removal of Unit Operator,
15 and

16
17 (b) be made upon the approval of the owner or owners
18 of a majority of Working Interest other than that of
19 Unit Operator, at the expense of all Working
20 Interest Owners other than Unit Operator, or

21
22 (c) be made at the expense of those Working Interest
23 Owners requesting such audit, if owners of less
24 than a majority of Working Interest, other than
25 that of Unit Operator, request such an audit, and

26
27 (d) be made upon not less than thirty (30) days written
28 notice to Unit Operator.

29
30 3.2.8 **Audit Exceptions.** The settlement of unresolved audit
31 exceptions.

32
33 3.2.9 **Inventories.** The taking of periodic inventories as provided
34 by Exhibit E.

35
36 3.2.10. **Amendment of Overhead Rates.** The amendment of the
37 overhead rates provided in Section III of Exhibit "E".

38
39 3.2.11 **Technical Services.** The authorizing of charges to the
40 joint account for services by consultants or Unit Operator's
41 technical personnel not covered by the charges provided by
42 Exhibit "E".

43
44 3.2.12 **Assignments to Committees.** The appointment of
45 committees to study any problems in connection with Unit
46 Operations.

47
48 3.2.13 **Removal of Operator.** The removal of Unit Operator and
49 the selection of a successor.

50
51 3.2.14 **Changes and Amendments.** The changing of the Unit
52 Area or the amending of this Agreement or the Unit
53 Agreement as provided by Article 11 of the Unit Agreement.

54 3.2.15 **Investment Adjustment.** The adjustment and
55 readjustment of investments.
56

1 3.2.16 **Border Agreements.** The entering into of Border
2 Agreements.

3
4 3.2.17 **Termination of Unit Agreement.** The termination of the
5 Unit Agreement as provided therein.
6

7
8 **ARTICLE 4**
9

10 ***Manner of Exercising Supervision***
11

12 4.1 **Designation of Representatives.** Each Working Interest Owner
13 shall inform Unit Operator in writing of the names and addresses of
14 the representative and alternate who are authorized to represent and
15 bind such Working Interest Owner with respect to Unit Operations.
16 The representative or alternate may be changed from time to time by
17 written notice to Unit Operator.
18

19 4.2 **Meetings.** All meetings of Working Interest Owners shall be called by
20 Unit Operator upon its own motion or at the request of one or more
21 Working Interest Owners having a total Unit Participation of not less
22 than ten percent (10%). No meeting shall be called on less than
23 fourteen (14) days' advance written note, and any meeting called must
24 have a written agenda for the meeting attached. Working Interest
25 Owners who attend the meeting may amend items included in the
26 agenda and may act upon an amended item or other items presented
27 at the meeting. The representative of Unit Operator shall be chairman
28 of each meeting.
29

30 4.3 **Voting Procedure.** Working Interest Owners shall determine all
31 matters coming before them as follows:
32

33 4.3.1 **Voting Interest.** Each Working Interest Owner shall have
34 a voting interest equal to its Unit Participation.
35

36 4.3.2 **Vote Required.** Unless otherwise provided herein or in the
37 Unit Agreement, Working Interest Owners shall determine
38 all matters by the affirmative vote of Working Interest
39 Owners having a combined voting interest of at least
40 seventy-five percent (75%); however, should any one
41 Working Interest Owner have more than twenty-five percent
42 (25%) voting interest, its negative vote or failure to vote
43 shall not defeat a motion and such motion shall pass if
44 approved by Working Interest Owners having a majority
45 voting interest, unless two or more additional Working
46 Interest Owners having a combined voting interest of at
47 least five percent (5%) likewise vote against the motion or
48 fail to vote.
49

50 4.3.3 **Vote at Meeting by Non-attending Working Interest**
51 **Owner.** Any Working Interest Owner who is not
52 represented at a meeting may vote on any agenda item by
53 letter, telegram or facsimile transmission addressed to the
54 representative of Unit Operator if its vote is received prior to
55 the submission of such item to vote at the meeting. Such
56 vote will not be counted with respect to any item on the
57 agenda which is amended at the meeting.

- 1
2 4.3.4 **Poll Votes.** Working Interest Owners may vote by letter,
3 telegram or facsimile transmission on any matter submitted
4 in writing to all Working Interest Owners. If no meeting is
5 requested, as provided in Section 4.2, within fourteen (14)
6 days, including holidays and weekends, after a written
7 proposal is sent to Working Interest Owners, the vote taken
8 by letter, telegram or facsimile transmission shall control.
9 Unit Operator shall give prompt notice of the results of such
10 voting to each Working Interest Owner.
11
12 4.3.5 **Binding Effect of Vote.** All Working Interest Owners
13 shall be bound for their proportionate share of all costs and
14 expenses of unit Operations approved by the Working
15 Interest Owners by the vote required herein.
16
17

18 ARTICLE 5

19 *Individual Rights of Working Interest Owners*

- 20
21
22 5.1 **Reservation of Rights.** Working Interest Owners severally reserve
23 to themselves all their rights, powers, authority and privileges, except
24 as expressly otherwise provided in this Agreement and in the Unit
25 Agreement.
26
27 5.2 **Specific Rights.** Each Working Interest Owner shall have, among
28 others, the following specific rights:
29
30 5.2.1 **Access to Unit Area.** Access to the Unit Area at all
31 reasonable times to inspect Unit Operations, all wells, and
32 the records and data pertaining thereto.
33
34 5.2.2 **Reports.** The right to receive from Unit Operator, upon
35 written request, copies of all reports to any governmental
36 agency, reports of crude oil runs and stocks, inventory
37 reports, and all other information pertaining to Unit
38 Operations. The cost of gathering and furnishing
39 information **not** ordinarily furnished by Unit Operator to all
40 Working Interest Owners shall be charged to the Working
41 Interest Owner that requests the information.
42
43 5.3 **Taking Unitized Substances in Kind.** The Unitized Substances
44 allocated to each Tract shall be taken in kind by the parties entitled
45 thereto by virtue of their ownership of Oil and Gas Rights therein or
46 by purchase from such owners. Such parties shall have the right at
47 their sole cost and expense to construct, maintain, and operate within
48 the Unit Area all necessary facilities for that purpose, provided that
49 they are so constructed, maintained, and operated as not to interfere
50 with Unit Operations. Any extra expenditures incurred by Unit
51 Operator by reason of the delivery in kind of any portion of the
52 Unitized Substances shall be borne by the taking party. If a Royalty
53 Owner has the right to take in kind a share of Unitized Substances
54 and fails to do so, the Working Interest Owner whose Working Interest
55 is subject to such Royalty Interest shall be entitled to take in kind such
56 share of the Unitized Substances.
57

5.4 **Failure to Take in Kind.** If any party fails to take in kind or separately dispose of its share of Unitized Substances, Unit Operator shall have the right but not the obligation, subject to revocation at will by the party owning the share, to purchase for its own account for not less than the same price the Unit Operator receives **in an arms length transaction** for its own Unit production at the Unit; provided that all contracts of sale by Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one (1) year. The proceeds of the Unitized Substances so disposed of by Unit Operator shall be paid to the party entitled thereto on an individual Tract basis in accordance with applicable laws and regulations.

5.5 No Sharing of Market. Nothing herein shall be construed to provide directly or indirectly for any cooperative refining, joint sale or marketing of Unit Production.

5.6 Reversionary Interest. When a Tract ownership **will change** due to the payout (or multiple **payouts**) of a well within the Unit, the balance remaining to be recovered will be calculated on an allocated Tract basis after the effective date of the Unit. Payout will be deemed to occur the first day following the time that payout **occurs**.

ARTICLE 6

Unit Operator

6.1 Unit Operator. Atlantic Richfield Company is designated as the initial Unit Operator.

6.2 Resignation or Removal. Unit Operator may resign at any time. Unit Operator may be removed for cause, at any time, by the affirmative vote of two or more Working Interest Owners representing eighty percent (80%) or more of the Working Interest after excluding the interest of the Unit Operator. Such resignation or removal shall not become effective for a period of three (3) months after the resignation or removal, unless a successor Unit Operator has taken over Unit Operations prior to the expiration of such period. Unit Operator shall be deemed to have resigned if it no longer owns a working interest in the unit area, effective as of the date of transfer of such working interest. In the event Unit Operator contracts to sell all of its working interest in the unit area to a party not a subsidiary, parent or sister corporation, then Unit Operator may require a vote to elect a successor Unit Operator. Such vote (i) shall be conducted as if Unit Operator had resigned, (ii) shall become effective only if the sale of Unit Operator's Working Interest is consummated, (iii) may include Unit Operator's intended transferee as a nominee for successor Unit Operator, and (iv) shall take Unit Operator's voting percentage into account, with Unit Operator being permitted to vote for its intended transferee. A transfer of Unit Operator's Working Interest to a subsidiary, parent or sister corporation shall not be deemed a resignation. However, should a transfer of Unit Operator's Working Interest be made to a subsidiary, parent or sister corporation, the Unit

Operator upon written request shall supply documentation supporting financial stability of said subsidiary, parent or sister corporation.

6.3 Selection of Successor. Upon the resignation or removal of Unit Operator, a successor Unit Operator shall be selected by Working Interest Owners. In selecting a successor Unit Operator, the affirmative vote of three (3) or more Working Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as sufficient unless supported by the vote of two or more other Working Interest Owners having a total Unit Participation of at least five percent (5%). If the Unit Operator who is removed votes only to succeed itself or fails to vote, the successor Unit Operator may be selected by the affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation remaining after excluding the Unit Participation of Unit Operator so removed.

ARTICLE 7

Authority and Duties of Unit Operator

- 7.1 Exclusive Right to Operate Unit.** Subject to the provisions of this Agreement, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.
- 7.2 Workmanlike Conduct.** Unit Operator shall conduct Unit Operations in a good and workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with Working Interest Owners and keep them informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Working Interest Owners for damages, unless such damages result from its gross negligence or willful misconduct.
- 7.3 Liens and Encumbrances.** Unit Operator shall endeavor to keep the lands and leases in the Unit Area and Unit Equipment free from all liens and encumbrances occasioned by Unit Operations, except those provided for in Article 11.
- 7.4 Employees.** The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours of labor, and compensation shall be determined by Unit Operator.
- 7.5 Records.** Unit Operator shall keep correct books, accounts, and records of Unit Operations.
- 7.6 Reports to Working Interest Owners.** Unit Operator shall furnish Working Interest Owners periodic reports of Unit Operations.
- 7.7 Reports to Governmental Authorities.** Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

7.8 Engineering and Geological Information. Unit Operator shall furnish to a Working Interest Owner, upon written request, a copy of all logs and other engineering and geological data pertaining to wells drilled for Unit Operations.

7.9 Expenditures. Unit Operator is authorized to make single expenditures not in excess of Fifty Thousand Dollars (\$50,000.00) without prior approval of Working Interest Owners. In the event of an emergency, Unit Operator may immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Working Interest Owners, as promptly as possible, the nature of the emergency and the action taken.

7.10 Wells Drilled by Unit Operator. All wells drilled by Unit Operator shall be at the usual rates prevailing in the area. Unit Operator may employ its own tools and equipment, but the charge therefor shall not exceed the usual rates prevailing in the area, and the work shall be performed by Unit Operator under the same terms and conditions as are usual in the area in contracts of independent contractors doing work of a similar nature.

7.11 Border Agreements. Unit Operator may, after determination of the need therefor by Working Interest Owners in accordance with the voting procedure set forth in Article 4, enter into border agreements with respect to lands adjacent to the Unit Area including those owned or operated by Unit Operator for the purpose of coordinating operations. Any border agreement negotiated by the Unit Operator must be approved by Working Interest Owners in accordance with the voting procedure set forth in Article 4. Failure to respond within sixty (60) days of receipt of a written request for approval will constitute approval.

ARTICLE 8

Taxes

8.1 Property Taxes. Beginning with the first calendar year after the Effective Date hereof, Unit Operator shall make and file any necessary property tax renditions and returns with the proper taxing authorities with respect to all property of each Working Interest Owner used or held by Unit Operator for Unit Operations. Annually, prior to the rendition date, each Working Interest Owner shall furnish Unit Operator information regarding the burdens (including without limitation, royalties, overriding royalties, production payments, etc.) and taxable and non-taxable interests on oil and gas leases and/or interests contributed by that Working Interest Owner. Unit Operator, after notice to the Working Interest Owners, may appeal any tax assessment considered improper, or shall settle assessments arising therefrom. Expenses incurred in any appeal or settlement shall be charged to the joint account. All such property taxes shall be paid by Unit Operator and charged to the joint account; however, if the interest of a Working Interest Owner is subject to a separately assessed overriding royalty interest, production payment, or other interest in excess of a one-eighth (1/8) royalty, such Working Interest Owner shall be given credit for the reduction in taxes paid resulting therefrom.

1
2 **8.2 Other Taxes.** Each Working Interest Owner shall pay or cause to be
3 paid all production, severance, gathering, and other taxes imposed
4 upon or with respect to the production or handling of its share of
5 Unitized Substances.
6

7 **8.3 Income Tax Election.** Notwithstanding any provision herein that
8 the rights and liabilities hereunder are several and not joint or
9 collective, or that this Agreement and operations hereunder shall not
10 constitute a partnership, if for Federal income tax purposes this
11 Agreement and the operations hereunder are regarded as a
12 partnership, then each Person hereby affected elects to be excluded
13 from the application of all of the provisions of Subchapter K, Chapter
14 1, Subtitle A, of the Internal Revenue Code of 1986, as permitted and
15 authorized by Section 761 of the Code and the regulations
16 promulgated thereunder. Unit Operator is authorized and directed to
17 execute on behalf of each Person hereby affected such evidence of this
18 election as may be required by the Secretary of the Treasury of the
19 United States or the Federal Internal Revenue Service, including
20 specifically, but not by way of limitation, all of the returns, statements,
21 and the data required by Federal Regulations 1.761-1(a). Should there
22 be any requirement that each Person hereby affected give further
23 evidence of this election, each such Person shall execute such
24 documents and furnish such other evidence as may be required by the
25 Federal Internal Revenue Service or as may be necessary to evidence
26 this election. No such Person shall give any notices or take any other
27 action inconsistent with the election made hereby. If any present or
28 future income tax law of the United States contain provisions similar
29 to those in Subchapter K, Chapter 1, Subtitle A, of the Internal
30 Revenue Code of 1986, under which an election similar to that
31 provided by Section 761 of the Code is permitted, each Person hereby
32 affected shall make such election as may be permitted or required by
33 such laws. In making the foregoing election, each such Person states
34 that the income derived by such Person from Unit Operations can be
35 adequately determined without the computation of partnership
36 taxable income.
37

38 39 **ARTICLE 9**

40 41 ***Insurance***

42
43 **9.1 Insurance.** Unit Operator, with respect to Unit Operations, shall:

- 44
45 (a) provide insurance or other protection as set forth in Exhibit
46 "F".
47

48 49 **ARTICLE 10**

50 51 ***Adjustment of Investments***

52
53 **10.1 Property Taken Over.** Upon the Effective Date, Working Interest
54 Owners shall deliver to Unit Operator the following:

- 55
56 10.1.1 **Wells and Well Equipment.** All useable wells as defined
57 in Article 10.1.6 in the Unitized Formation together with the

casing, tubing, and downhole equipment **therein** up to and including all well head connections.

10.1.2 **Lease and Operating Equipment.** All lease and operating equipment, salt water disposal wells and facility systems related to the Unitized Formation which Working Interest Owners determine to be necessary or desirable for conducting Unit Operations, or

10.1.2.1 Unit Operator deems necessary for the temporary convenience of the Unit. This shall include, but is not limited to, nonuseable wells (**those not "Useable" pursuant to Article 10.1.6) that are completed in the Unitized Formation and capable** of producing Unitized Substances. This equipment shall be retained on a loan basis for a period of time not to exceed eighteen (18) months. If this equipment is not returned within the period provided the Unit will purchase it at the same evaluation as the original inventory. The Unitized Formation will be abandoned per State requirements prior to return of nonuseable wells.

10.1.3 **Demand Wells.** Upon the Effective Date of Unitization, or within two (2) years thereafter as demanded by the Unit Operator pursuant to the Unit plan of operations, Working Interest Owners will provide a useable wellbore, as defined in Article 10.1.6, on each forty acres which would constitute a proration unit within the Unit Area. If any such forty acres is not provided with a useable wellbore upon demand, the owner or owners contributing the forty acre location shall have the option for ninety (90) days to provide a useable wellbore. If a useable wellbore is not provided within the ninety (90) day period, the owner or owners contributing the forty acre location shall within 10 days of the end of such ninety (90) day period remit the sum of **One Hundred Eighty Thousand Dollars (\$180,000)** to the Unit Operator to be applied toward the cost of drilling, completing, and equipping a well on the deficient forty acre location. All costs of drilling, completing, and equipping the well in excess of the **\$180,000** shall be charged to the joint account to be shared by all owners in proportion to their respective Unit Participation percentage. In the event that an owner or owners fail to provide a required useable wellbore, and fail to pay the assessed **\$180,000** for each wellbore deficient location within the required time period, such owner or owners shall be in default of payment, and action shall be initiated in accordance with provisions of Article 11.5 of this Agreement.

10.1.4 **Exception to Demand Well Requirement.** Any forty acre proration unit which has not contributed oil production from the Unitized Formation for purposes of the Tract Participation formula of Section 13 of the Unit Agreement will not be subject to the requirements of Article 10.1.3 above.

10.1.5 **Additional Non-Demand Wells.** The Unit may accept additional wellbores on non-demand well 40-acre proration Units. Wellbores accepted without warranty of useable condition will be accepted without compensation to the owner(s) dedicating the wellbore to the Unit. Such wells will be accepted by the Unit only if cost estimates to workover or complete the wellbore in the unitized interval is less than the cost estimate to drill and complete a new well.

The Unit may also offer to purchase alternate wellbores on non-demand well 40-acre proration Units for **\$180,000** each. Wellbores purchased by the Unit will be subject to warranty of useable condition by the owner(s) dedicating them to the Unit. Wellbores that will not benefit Unit operations will not be purchased or accepted.

10.1.6 **Useable Wellbore Definition.** Useable wellbores are defined as wells with status as follows:

- (a) Wells active on Effective Date of Unitization will be accepted as useable if no zones other than the Unitized Formation are open and upon first entry by the Unit Operator the wellbore passes both a casing integrity test, defined as pressure testing to 500 psi for 30 minutes with a 10% tolerance (hereinafter "casing integrity test"), and a Bradenhead Integrity Test, defined as a test to insure there is no gas or liquid flow nor any sustained pressure from any casing annulus (hereinafter "Bradenhead Test") or in accordance with the State policies for casing integrity and Bradenhead tests at the time of unitization. It is the responsibility of the present operator of each well to be included in the Unit, to install the risers and valves necessary to perform a Bradenhead Test. If zones above the Unitized Formation are open, the non-unitized zones must be cement squeezed to isolate the Unitized Formation, pressure tested to 500 psi for 30 minutes (with a 10% tolerance) or in accordance with the State policy at the time of unitization, and cement in the production casing drill out.
- (b) Wells closed-in or temporarily abandoned on Effective Date of Unitization will be accepted as useable if no zones other than the Unitized Formation are open (as above) and the well is clear and free of obstructions from the surface to the depth of deepest production, **or to the latest plugged back total depth**, in the Unitized Formation prior to being closed in. The well must pass a casing integrity test and a Bradenhead Test on or before first entry by the Unit Operator.
- (c) Currently plugged and abandoned or recompleted wells that have previously produced from the Unitized Formation will be accepted as useable if

1 they are restored to the Unitized Formation's last
2 producing completion interval, are not open in non-
3 unitized zones, are clear and free of obstructions
4 from the surface to the latest plugged back total
5 depth prior to cessation of production, and pass a
6 casing integrity test and a Bradenhead Test upon
7 first entry by the Unit Operator.

- 8
9 (d) Alternate wells from existing wellbores will be
10 accepted as useable if all non-unitized zones have
11 been abandoned (deeper zones plugged back with a
12 cast iron bridge plug or cement retainer capped with
13 35 feet of cement and pressure tested to 500 psi;
14 shallower zones squeeze cemented, cement drilled
15 out in the production casing and pressure tested),
16 they penetrate the Unitized Formation, have
17 sufficient casing size (5-1/2") to be deepened or have
18 at least (4-1/2") casing set in the Unitized
19 Formation, are adequately cemented and pass a
20 casing integrity test and a Bradenhead Test upon
21 first entry by the Unit Operator.

22
23 10.1.7 **Wellbores Made Useable.** After the Effective Date of
24 Unitization, but prior to time limitation as described in
25 Article 10.1.8 hereinbelow, the Unit Operator will notify
26 wellbore owners of **demand** wells that are determined not to
27 be in "Useable Condition". Within fifteen (15) days of said
28 notification, wellbore owners must advise the Unit Operator
29 of their proposed plan to make the well "Useable". Wellbore
30 owners may elect to perform workover operations to attempt
31 to make a deficient well "Useable", but the Unit Operator
32 reserves the right to review and approve any of the
33 workover procedure(s). The Unit Operator must be notified
34 at least five (5) days prior to commencement of workover
35 operations and his representative permitted to witness the
36 operations. If the wellbore owners performing said
37 workover operations fail to deliver a "Useable" wellbore **in**
38 **accordance with Article 10:1.6** within forty-five (45)
39 days of the original notification from the Unit Operator,
40 they shall abandon the Unitized Formation per State
41 requirements and within ten (10) days remit the sum of **One**
42 **Hundred Eighty Thousand Dollars (\$180,000.00)** to the
43 Unit Operator in lieu of the demand well. The Working
44 Interest Owners will not be liable for any cost or expense
45 when work is performed by wellbore owners.

46
47 Wellbore owners may request that remedial work required
48 to make a **demand** wellbore "Useable" be performed by the
49 Unit Operator. Following any such written request, the Unit
50 Operator will review wellbore records to determine
51 appropriate procedures and cost estimates. Should the Unit
52 Operator determine the required remedial work is
53 technically feasible and can be performed on a timely basis,
54 then the Unit Operator may, at its sole discretion, agree to
55 perform the required work. The wellbore owners shall bear
56 the sole cost, risk, and expense of such remedial work, up to
57 a maximum of **One Hundred Eighty Thousand Dollars**

1 (\$180,000.00). If the Unit Operator estimates that such
2 remedial work will cost in excess of **One Hundred Eighty**
3 **Thousand Dollars (\$180,000.00)**, an AFE for the amount
4 of said excess will be submitted to Working Interest Owners
5 for their approval prior to the start of the remedial work,
6 with the excess amount being charged to the joint account.

7
8 10.1.8 Wellbores Accepted as "Useable Wellbores". Any wellbore
9 dedicated to the Unit shall not be accepted as a "Useable Wellbore"
10 until it can be entered by the Unit Operator and assessed pursuant to
11 Article 10.1.6. Any well not so assessed within two (2) years
12 following the effective date of unitization shall then be deemed a
13 "Useable Wellbore". Wellbore owners may, at their own expense,
14 cause a test to be performed establishing a wellbore acceptable as a
15 "Useable Wellbore" after the effective date of the Unit. The test
16 procedure must be approved and the test witnessed by the Unit
17 Operator as provided for in Article 10.1.7 herein.

18
19 10.1.9 Records. A copy of all production and well records for such
20 wells.

21
22 **10.2 Inventory and Evaluation of Personal Property**. Working
23 Interest Owners shall appoint an inventory committee which shall, as
24 of the Effective Date hereof, or as soon thereafter as feasible, cause to
25 be taken, under the supervision of the Unit Operator and at Unit
26 Expense, joint physical inventories of lease and well equipment within
27 the Unit Area, which inventories shall be used as a basis for
28 determining the controllable items of equipment to be taken over by
29 the Unit Operator hereunder. The Unit Operator shall notify each
30 Working Interest Owner within each separate Tract at least fifteen
31 (15) days prior to the taking of the inventory with respect to said
32 Tract, so that each of said Working Interest Owners may make
33 arrangements to be represented at the taking of the inventory. Such
34 inventories shall exclude all items not of use and value to the Unit and
35 not necessary to Unit operations. Such inventories shall include and
36 be limited to those items of equipment normally considered
37 controllable as recommended in the material classification manual in
38 Bulletin No. 6 dated May 1971, or any amendments thereto, published
39 by the Petroleum Accountants Society of North America, except that
40 certain items normally considered noncontrollable, such as sucker rods
41 and other items as agreed upon by the Working Interest Owners may
42 be included in the inventories in order to insure a more equitable
43 adjustment of investments. Immediately following completion, such
44 inventories shall be priced in accordance with the provision of Exhibit
45 "E", Accounting Procedure, attached hereto and made a part hereof;
46 such pricing shall be performed under the supervision of, by the
47 personnel of and in the offices of the Unit Operator, with Working
48 Interest Owners furnishing such additional pricing help as may be
49 available and it is specifically provided that with respect to each well
50 taken over for Unit Operations, no value shall be assigned to
51 intangible drilling costs of such well or to the down-hole casing
52 therein.

53
54 **10.2.1 Inventory and Valuations**. After completion of the
55 inventory and evaluation of property in accordance with the
56 provisions of Section 10.2, Unit Operator shall submit to
57 each Working Interest Owner a copy of the inventory and

1 valuations thereon together with a letter ballot for approval
2 of such inventory and valuations each Working Interest
3 Owner shall return such letter ballot to Unit Operator
4 indicating its approval or disapproval thereof. It is agreed
5 that such inventory and valuations shall be binding upon all
6 parties if approved by Working Interest Owners owning at
7 least sixty-five percent (65%) of the Working Interest in the
8 Unit Area.
9

10 **10.3 Investment Adjustment.** Upon approval by Working Interest
11 Owners of the inventory and evaluation, each Working Interest Owner
12 shall be credited with the value of its interest in all wells and
13 equipment taken over under Section 10.1, and shall be charged with
14 an amount equal to that obtained by multiplying the total value of all
15 wells and equipment taken over under Section 10.1 by such Working
16 Interest Owner's Unit Participation. If the charge against any
17 Working Interest Owner is greater than the amount credited to such
18 Working Interest Owner, the resulting net charge shall be an item of
19 Unit Expense chargeable against such Working Interest Owner. If the
20 credit to any Working Interest Owner is greater than the amount
21 charged against such Working Interest Owner, the resulting net credit
22 shall be paid to such Working Interest Owner by Unit Operator out of
23 funds received by it in settlement of the net charges described above.
24

25 **10.4 General Facilities.** The acquisition of warehouses, warehouse stocks,
26 lease houses, camps, facility systems, and office buildings necessary
27 for Unit Operations shall be by negotiation by the owners thereof and
28 Unit Operator, subject to the approval of Working Interest Owners.
29 There shall be no adjustments for lease roads or appurtenances
30 thereto.
31

32 **10.5 Ownership of Property and Facilities.** Each Working Interest
33 Owner, individually, shall by virtue hereof own an undivided interest,
34 equal to its Unit Participation in all wells, equipment, and facilities
35 taken over or otherwise acquired by Unit Operator pursuant to this
36 Agreement.
37

38 **ARTICLE 11**

39 ***Unit Expense***

40
41
42
43 **11.1 Basis of Charge to Working Interest Owners.** Unit Operator
44 initially shall pay all Unit Expense. Each Working Interest Owner
45 shall reimburse Unit Operator for its share of Unit Expense. Each
46 Working Interest Owner's share shall be the same as its Unit
47 Participation. All charges, credits, and accounting for Unit Expense
48 shall be in accordance with Exhibit "E".

49 **11.2 Budgets.** Before or as soon as practical after the Effective Date, Unit
50 Operator shall prepare a budget of estimated Unit Expense for the
51 remainder of the calendar year, and thereafter shall prepare budgets,
52 no more frequently than annually, as determined by Working Interest
53 Owners. Budgets shall be estimates only, and shall be adjusted or
54 corrected by Working Interest Owners and Unit Operator whenever an
55 adjustment or correction is proper. A copy of each budget and adjusted
56 budget shall be furnished promptly to each Working Interest Owner.
57

1 **11.3 Advance Billings.** Unit Operator shall have the right to require
2 Working Interest Owners to advance their respective shares of
3 estimated Unit Expense as provided by Exhibit "E".
4

5 **11.4 Commingling of Funds.** Funds received by Unit Operator under
6 this Agreement need not be segregated or maintained by it as a
7 separate fund, but may be commingled with its own funds.
8

9 **11.5 Unpaid Unit Expense.** If any Working Interest Owner fails or is
10 unable to pay its share of Unit Expense within sixty (60) days after
11 rendition of a statement therefor by Unit Operator, the non-defaulting
12 Working Interest Owners shall, upon request by Unit Operator, pay
13 the unpaid amount as if it were Unit Expense in the proportion that
14 the Unit Participation of each such non-defaulting Working Interest
15 Owner bears to the Unit Participation of all such non-defaulting
16 Working Interest Owners. Each Working Interest Owner so paying its
17 share of the unpaid amount shall, to obtain reimbursement thereof, be
18 subrogated to the security rights described in Section 11.6 of this
19 Agreement. While in default, any such defaulting Working Interest
20 Owner forfeits his voting rights **and such rights will** be shared
21 proportionately by the non-defaulting Working Interest Owners.
22

23 **11.6 Security Rights.** In addition to any other security rights and
24 remedies provided for by the laws of this State with respect to services
25 rendered or materials and equipment furnished under this Agreement,
26 Unit Operator shall have a first and prior lien upon the Working
27 Interest of each Working Interest Owner, including the Unitized
28 Substances and Unit Equipment credited thereto, in order to secure
29 payment of the Unit Expense charged against such Working Interest,
30 together with interest thereon at the rate set forth in Exhibit "E" or
31 the maximum rate allowed by law, whichever is less. To the extent
32 that Unit Operator has a security interest under the Uniform
33 Commercial Code of the State, Unit Operator shall be entitled to
34 exercise the rights and remedies of a secured party under the Code.
35 The bringing of a suit and the obtaining of judgment by Unit Operator
36 for the secured indebtedness shall not be deemed an election of
37 remedies or otherwise affect the lien rights or security interest as
38 security for the payment of defaulting Working Interest Owner's share
39 of Unit Expense. Unit Operator shall have the right, without prejudice
40 to other rights or remedies, to collect from the purchaser the proceeds
41 from the sale of such Working Interest Owner's share of Unitized
42 Substances until the amount owed by such Working Interest Owner,
43 plus interest, has been paid. Each purchaser shall be entitled to rely
44 upon Unit Operator's written statement concerning the amount of any
45 default. Operator grants a like lien and security interest to the
46 Working Interest Owners to secure payment of Unit Operator's
47 proportionate share of expense.
48

49 **11.6.1 Extent of Security.** The lien and security interest granted
50 by each Working Interest Owner to Unit Operator and by
51 Unit Operator to the Working Interest Owners under Article
52 11.6 shall extend not only to such Working Interest Owner's
53 Oil and Gas Rights in the Unit Area (which for greater
54 certainty shall include all of each Working Interest Owner's
55 leasehold interest and leasehold estate in the Unit Area),
56 the Oil and/or Gas when extracted and equipment (as
57 mentioned in said Article) but also to all accounts, contract

rights, inventory and general intangibles constituting a part of, relating to or arising out of said Oil and Gas Rights, extracted Oil and Gas and said equipment or which are otherwise owned or held by any such Working Interest Owner in the Unit Area. Further, the lien and security interest of each of said parties shall extend to all proceeds and products of all of the property and collateral subject to said lien and security interest. Any Working Interest Owner, to the extent it deems necessary to perfect the lien and security interest provided herein, may file this Unit Operating Agreement (or a memorandum of this Unit Operating Agreement or other notice of lien) as a lien or mortgage in the applicable real estate records and as a financing statement with the proper officer under the Uniform Commercial Code. Further, each Working Interest Owner agrees on request of any other Working Interest Owner to execute any financing statement, continuation statement or memorandum of this Unit Operating Agreement necessary in order to perfect the security interest and lien hereby granted under the applicable Uniform Commercial Code or state recording law.

11.7 Carved-out Interests. Any overriding royalty, production payment, net proceeds interest, carried interest or any other interest carved out of a Working Interest after the effective date hereof shall be subject to this Agreement. If a Working Interest Owner does not pay its share of Unit Expense and the proceeds from the sale of Unitized Substances under Section 11.6 are insufficient for that purpose, the security rights provided for herein may be applied against the carved-out interests with which such Working Interest is burdened. In such event, the owner of such carved-out interest shall be subrogated to the security rights granted by Section 11.6

11.8 Uncommitted Royalty. Should an owner of a Royalty Interest in any Tract fail to become a party to the Unit Agreement, and, as a result thereof, the actual Royalty Interest payments with respect to such Tract are more or less than the Royalty Interest payment computed on the basis of the Unitized Substances that are allocated to such Tract Under the Unit Agreement, the difference shall be borne by or inure to the benefit of Working Interest Owners, in proportion to their respective Unit Participation at the time the Unitized Substances were produced; however, the difference to be borne by or inure to the benefit of Working Interest Owners shall not exceed an amount computed on the basis of one-eighth (1/8) of the difference between the Unitized Substances allocated to the Tract and the Unitized Substances produced from the Tract. Such adjustments shall be made by charges and credits to the joint account.

ARTICLE 12

Nonunitized Formations

12.1 Right to Operate. Any Working Interest Owner that now has or hereafter acquires the right to drill for and produce oil, gas, or other minerals, from a formation underlying the Unit Area other than the Unitized Formation, shall have the right to do so notwithstanding this

1 Agreement or the Unit Agreement. In exercising the right, however,
2 such Working Interest Owner shall exercise care to prevent
3 unreasonable interference with Unit Operations. No Working Interest
4 Owner other than Unit Operator shall produce Unitized Substances.
5 If any Working Interest Owner drills any well into or through the
6 Unitized Formation, the Unitized Formation shall be protected in a
7 manner satisfactory to Working Interest Owners so that the
8 production of Unitized Substances will not be affected adversely,
9 including but not limited to a satisfactory drilling mud program and
10 casing cement program through the Unitized Formation.

11
12 **12.2 Dual Completions.** There shall be no dual completions of wells
13 within the Unit Area as to the Unitized Formation and another
14 formation.

15
16
17 **ARTICLE 13**

18
19 ***Liability, Claims and Suits***

20
21 **13.1 Individual Liability.** The duties, obligations, and liabilities of
22 Working Interest Owners shall be several and not joint or collective;
23 and nothing herein shall ever be construed as creating a partnership
24 of any kind, joint venture, association, or trust among Working
25 Interest Owners.

26
27 **13.2 Settlements.** Unit Operator may settle any single damage claim or
28 suit involving Unit Operations if the expenditure does not exceed
29 Twenty-five Thousand Dollars (\$25,000.00) if the payment is in
30 complete settlement of such claim or suit. If the amount required for
31 settlement exceeds the above amount, Working Interest Owners shall
32 determine the further handling of the claim or suit unless such
33 authority is expressly delegated to the Unit Operator. All costs and
34 expense of handling, settling, or otherwise discharging such claim or
35 suit shall be an item of Unit Expense, subject to such limitation as is
36 set forth in Exhibit "E". If a claim is made against any Working
37 Interest Owner or if any Working Interest Owner is sued on account of
38 any matter arising from Unit Operations over which such Working
39 Interest Owner individually has no control because of the rights given
40 Working Interest Owners and Unit Operator by this Agreement and
41 the Unit Agreement, the Working Interest Owner shall immediately
42 notify Unit Operator, and the claim or suit shall be treated as any
43 other claim or suit involving Unit Operations.

44
45 **13.3 Notice of Loss.** Unit Operator shall report to Working Interest
46 Owners as soon as practicable after each occurrence, damage or loss to
47 Unit Equipment, and each accident, occurrence, claim, or suit
48 involving third party bodily injury or property damage not covered by
49 insurance carried for the benefit of Working Interest Owners.

50 **13.4 Force Majeure.** Any obligation imposed by this agreement on each
51 party, except for the payment of money, shall be suspended while
52 compliance therewith is prevented, in whole or in part, by: strike, fire,
53 war, civil disturbance, act of God, Federal, state or municipal laws,
54 any rule, regulation or order of a governmental agency, inability to
55 secure materials or by any other cause beyond the reasonable control
56 of such party. No party shall be required against its will to adjust or
57 settle any labor dispute. Neither this Agreement nor any lease or

1 other instrument subject hereto shall be terminated by reason of the
2 suspension of Unit Operations due to any of the causes set forth in this
3 Section.
4

5 6 ARTICLE 14

7 8 Titles

- 9
10 **14.1 Warranty and Indemnity.** Each Working Interest Owner represents
11 and warrants that it is the owner of the respective working interests
12 set forth opposite its name in Exhibit "B", and hereby agrees to
13 indemnify and hold harmless the other Working Interest Owners from
14 any loss due to failure, in whole or in part, of its title to any such
15 interest, except failure of title arising out of Unit Operations; provided
16 that such indemnity shall be limited to ~~an~~ amount equal to the net
17 value that has been received from the sale or receipt of Unitized
18 Substances attributed to the interest as to which title failed. Each
19 failure of title will be deemed to be effective, insofar as this Agreement
20 is concerned, as of the first day of the calendar month in which such
21 failure is finally determined, and there shall be no retroactive
22 adjustment of Unit Expense, or retroactive allocation of Unitized
23 Substances or the proceeds therefrom as a result of title failure.
24
- 25 **14.2 Failure Because of Unit Operations.** The failure of title to any
26 Working Interest in any tract by reason of Unit Operations, including
27 non-production from such tract, shall not change the Unit
28 Participation of the Working Interest Owner whose title failed in
29 relation to the Unit Participations of the other Working Interest
30 Owners at the time of the title failure.
31
- 32 **14.3 Unleased Interests Treated as Leased.** If a Working Interest
33 Owner owns in fee all or a part of the Oil and Gas Rights in any Tract
34 within the Unit Area which is not subject to any oil and gas lease or
35 other contract in the nature thereof, such Working Interest Owner
36 shall be deemed to own a Working Interest in such Tract to the extent
37 of seven-eighths (7/8) of its interest therein and a Royalty Interest
38 with respect to the remaining one-eighth (1/8) interest therein.
39
- 40 **14.4 Waiver of Rights to Partition.** Each lessee and Working Interest
41 Owner hereto agrees that, during the existence of this Agreement, it
42 will not resort to any action to partition the interval of the formation
43 unitized hereunder or the Unit Equipment, and to that extent waives
44 the benefits of all laws authorizing such partition.
45
- 46 **14.5 Notice of Transfer of Title.** No change of title shall be binding on
47 the Unit or Unit Operator until the time specified in Section 14.6
48 hereof. Each such transfer, assignment or conveyance, whether so
49 stating or not, shall operate to impose upon the party or parties
50 acquiring such interest the obligations of its predecessor in interest
51 with respect to the interest so transferred and shall likewise operate to
52 give and grant to the party or parties acquiring such interest all
53 benefits attributable to such interest.
54
- 55 **14.6 Effect of Title Transfer.** No assignment or other transfer or
56 disposition of any interest subject to this Agreement shall be effective
57 as to Unit Operator or the other Working Interest Owners hereto until

1 the first day of the month following the month in which (i) Unit
2 Operator receives an authenticated copy of the instrument evidencing
3 such assignment, transfer or disposition, and (ii) the person receiving
4 such assignment, transfer or disposition has become obligated by
5 instrument satisfactory to Unit Operator to observe, perform and be
6 bound by all of the covenants, terms and conditions of this Agreement.
7 Prior to such date, neither Unit Operator nor any other Working
8 Interest Owner shall be required to recognize such assignment,
9 transfer or disposition for any purpose but may continue to deal
10 exclusively with the Working Interest Owner making such
11 assignment, transfer or disposition in all matters under this
12 Agreement including billings. No assignment or other transfer or
13 disposition of an interest subject to this Agreement shall relieve a
14 Working Interest Owner of its obligations accrued prior to the effective
15 date aforesaid. Further, no assignment, transfer or other disposition
16 shall relieve any Working Interest Owner of its liability for its share of
17 costs and expenses which may be incurred in any operation to which
18 such Working Interest Owner has previously agreed or consented prior
19 to the effective date aforesaid for the drilling, testing, completing and
20 equipping, reworking, recompleting, side-tracking, deepening,
21 plugging-back, or plugging and abandoning of a well even though such
22 operation is performed after said effective date.

23
24 **14.7 Transfer to Multiple Parties.** If, at any time the interest of any
25 Working Interest Owner is divided among and owned by two or more
26 co-owners, such co-owners shall appoint a single trustee or agent
27 acceptable to Unit Operator with full authority to receive notices,
28 approve expenditures, receive billings for and approve and pay all
29 such co-owners' share of the joint expenses, and to deal generally with,
30 and with power to bind, the co-owners of such Working Interest
31 Owners' interests within the scope of the operations embraced in this
32 Agreement; however, all such co-owners shall have the right to enter
33 into and execute all contracts or agreements for the disposition of their
34 respective shares of the Oil and Gas produced from the Contract Area
35 and they shall have the right to receive, separately, payment of the
36 sale proceeds thereof. Until the trustee or agent is appointed, the
37 assigning Working Interest Owner shall be considered for all purposes
38 thereof as such trustee or agent with all rights and responsibilities
39 thereof. The trustee or agent appointed or deemed to be appointed
40 hereunder shall be liable to Unit Operator for all costs, expenses and
41 liabilities incurred pursuant to this Agreement attributable to the
42 interest for which the trustee or agent is appointed or deemed to be
43 appointed. Unit Operator shall not be required to account separately
44 for the separate interests represented by the trustee or agent.

45 46 47 **ARTICLE 15**

48 49 ***Notices***

50
51 **15.1 Notices.** All notices required hereunder shall be in writing and shall
52 be deemed to have been properly served when sent by mail, telegram,
53 or facsimile transmission to the address of the representative of each
54 Working Interest Owner as furnished to Unit Operator in accordance
55 with Article 4.
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ARTICLE 16

Withdrawal of Working Interest Owner

16.1 Withdrawal. A Working Interest Owner may withdraw from this agreement by transferring, without warranty of title, either expressed or implied, to the Working Interest Owners who do not desire to withdraw all its Oil and Gas Rights, exclusive of Royalty Interests, together with its interest in all Unit Equipment and in all wells used in Unit Operations, provided that such transfer shall not relieve such Working Interest Owner from any obligation or liability incurred prior to the first day of the month following receipt by Unit Operator of such transfer. The delivery of the transfer shall be made to Unit Operator for the transferees. The transfer must be accepted unless Working Interest Owners decide within ninety (90) days of the delivery date to terminate the unit. The transferred interest shall be owned by the transferees in proportion to their respective Unit Participations. The transferees, in proportion to the respective interests so acquired, shall pay the transferor for its interest in Unit Equipment, the salvage value thereof less its share of the estimated cost of salvaging same and of plugging and abandoning all wells then being used or held for Unit Operations and the estimated costs for surface restoration, as determined by Working Interest Owners. In the event such withdrawing owner's interest in the aforesaid salvage value is less than such owner's share of such estimated costs, the withdrawing owner, as a condition precedent to withdrawal, shall pay the Unit Operator, for the benefit of Working Interest Owners succeeding to its interest, a sum equal to the deficiency. Within sixty (60) days after receiving delivery of the transfer, Unit Operator shall render a final statement to the withdrawing owner for its share of Unit Expense, including any deficiency in salvage value, as determined by Working Interest Owners, incurred as of the first day of the month following the date of receipt of the transfer. Provided all Unit Expense, including any deficiency hereunder, due from the withdrawing owner has been paid in full within thirty (30) days after the rendering of such final statement by the Unit Operator, the transfer shall be effective the first day of the month following its receipt by Unit Operator and, as of such effective date, withdrawing owner shall be relieved from all further obligations and liabilities hereunder and under the Unit Agreement, and the rights of the withdrawing Working Interest Owner hereunder and under the Unit Agreement shall cease insofar as they existed by virtue of the interest transferred.

16.2 Limitation on Withdrawal. Notwithstanding anything set forth in Section 16.1, Working Interest Owners may refuse to permit the withdrawal of a Working Interest Owner if its Working Interest is burdened by any royalties, overriding royalties, production payments, net proceeds interest, carried interest, or any other interest created out of the Working Interest in excess of one-eighth (1/8) lessor's royalty, unless the other Working Interest Owners willing to accept the assignment agree to accept the Working Interest subject to such burdens. A transfer of title, assignment, or conveyance by a party hereto shall not alone be deemed a withdrawal.

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ARTICLE 17

Abandonment of Wells

17.1 Rights of Former Owners. If Working Interest Owners determine to permanently abandon any well within the Unit Area prior to termination of the Unit Agreement, Unit Operator shall give written notice thereof to the Working Interest Owners of the Tract on which the well is located, and they shall have the option for a period of sixty (60) days after the sending of such notice to notify Unit Operator in writing of their election to take over and own the well. Within thirty (30) days after the Working Interest Owners of the Tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount determined by Working Interest Owners to be the net salvage value of the casing and equipment, through the wellhead, in and on the well. The Working Interest Owners of the Tract, by taking over the well, agree to seal off the unitized Formation, and upon abandonment to plug the well in compliance with applicable laws and regulations.

17.2 Plugging. If the Working Interest Owners of a Tract do not elect to take over a well located within the Unit Area that is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 18

Effective Date and Term

18.1 Effective Date. This Agreement shall become effective when the Unit Agreement becomes effective.

18.2 Term. This Agreement shall continue in effect so long as the Unit Agreement remains in effect, and thereafter until (a) all Unit wells have been plugged and abandoned or turned over to Working Interest Owners in accordance with Article 19; (b) all Unit Equipment and real property acquired for the joint account have been disposed of by Unit Operator in accordance with instructions of Working Interest Owners; (c) all surface locations have been restored; and (d) there has been a final accounting.

ARTICLE 19

Abandonment of Operations

19.1 Termination. Upon termination of the Unit Agreement, the following will occur:

19.1.1 Oil and Gas Rights. Oil and Gas Rights in and to each separate Tract shall no longer be affected by this Agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts, and other instruments affecting the separate Tracts.

19.1.2 Right to Operate. Working Interest Owners of any Tract that desire to take over and continue to operate wells located

thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage value, as determined by Working Interest Owners, of the casing and equipment, through the wellhead, in and on the wells taken over and by agreeing upon abandonment to plug each well in compliance with applicable laws and regulations.

19.1.3 **Salvaging Wells.** Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Working Interest Owners of separate Tract as can economically and reasonably be salvaged, and shall cause the wells to be plugged and abandoned in compliance with applicable laws and regulations.

19.1.4 **Cost of Abandonment.** The cost of abandonment of Unit Operations, including but not limited to facilities and surface restoration, shall be Unit Expense.

19.1.5 **Distribution of Assets.** Working Interest Owners shall share in the distribution of Unit Equipment, or the proceeds thereof, in proportion to their Unit Participations.

ARTICLE 20

Approval

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

20.2 **Conflict with Prior Agreements.** It is recognized there may be certain existing agreements by and between several of the Lessees or Working Interest Owners hereto, covering a portion of the Oil and Gas Rights subject to this Operating Agreement. In case of any inconsistency or conflict between this Operating Agreement and those certain existing agreements, this Operating Agreement shall govern.

ARTICLE 21

Governmental Regulations

21.1 **Governmental Regulations.** Working Interest Owners agree to release Unit Operator from any and all losses, damages, injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Unit Operator's interpretation or application of rules, rulings, regulations or orders of any governmental agency or predecessor agencies to the extent Unit Operator's interpretation or

1 application of such rules, rulings, regulations or orders were made in
2 good faith. Working Interest Owners further agree to reimburse Unit
3 Operator for their proportionate share of any amounts Unit Operator
4 may be required to refund, rebate or pay as a result of an incorrect
5 interpretation or application of the above noted rules, rulings,
6 regulations or orders, together with their proportionate part of interest
7 and penalties owing by Unit Operator as a result of such incorrect
8 interpretation or application of such rules, rulings, regulations or
9 orders.

10 11 12 **ARTICLE 22**

13 ***Other Provisions***

14
15
16 **22.1 Lease Burdens and Disbursement Obligations.** Each Working
17 Interest Owner hereby agrees to pay or cause to be paid
18 royalty, excess royalty and overriding royalty portion(s) due on
19 proceeds realized from of the sale of its share (as listed on
20 Exhibit C) of the sale of such Unitized Substances.

21
22 **22.2 Attorney's Fees.** In the event Unit Operator shall ever be required to
23 bring legal proceedings in order to collect any sums due from any
24 Working Interest Owner under this Agreement, then Unit Operator
25 shall also be entitled to recover all court costs, cost of collection, and a
26 reasonable attorney's fee, which the lien provided for under Sections
27 11.6 and 11.6.1 shall also secure.

28
29 **22.3 Bankruptcy.** If, following the granting of relief under the Bankruptcy
30 Code to any Working Interest Owner hereto as debtor thereunder, this
31 Agreement should be held to be an executory contract within the
32 meaning of 11 U.S.C. Section 365, then the Unit Operator, or (if the
33 Unit Operator is the debtor in bankruptcy) any other Working Interest
34 Owner, shall be entitled to a determination by debtor or any trustee
35 for debtor within thirty (30) days from the date an order for relief is
36 entered under the Bankruptcy Code as to the rejection or assumption
37 of this Unit Operating Agreement. In the event of an assumption,
38 Unit Operator or said other Working Interest Owner shall be entitled
39 to adequate assurances as to future performance of debtor's obligation
40 hereunder and the protection of the interest of all other parties.

41
42 **22.4 Applicable Law.** All claims and suits between any of the parties
43 hereto, made or instituted and based in whole or in part on any
44 provisions of this Agreement, shall be resolved using the laws of the
45 state of New Mexico.

46
47 **22.5 Media Release.** Operator shall have the principal responsibility for
48 issuance of press releases concerning the Unit (but shall not be
49 liable for failure or error in exercising such responsibility), and each
50 other party hereto may issue approved material without restriction.
51 Nothing herein contained, however, shall preclude any party hereto
52 from making such disclosures as may be required by any applicable
53 law, order, rule, regulation or ordinance.

54
55 No party hereto shall distribute any information or photographs to the
56 press or other media without the approval of the majority of the
57 parties hereto pursuant to Article 4.3.2 .

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ARTICLE 23

Successors and Assigns

23.1 Successors and Assigns. This Agreement shall extend to, be binding upon, and inure to the benefit of the Persons hereto and their respective heirs, devisees, legal representatives, successors, and assigns, and shall constitute a covenant running with the lands, leases, and interests covered hereby.

IN WITNESS WHEREOF, this Agreement approved on the dates opposite the respective signatures.

ATLANTIC RICHFIELD COMPANY

Date: _____

By: _____
T. L. Holland
Attorney-in-Fact

1
2 STATE OF TEXAS
3
4 COUNTY OF MIDLAND
5

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§

6 This instrument was acknowledged before me on this _____ day of
7 _____, 1992, by T. L. HOLLAND, as Attorney-in-Fact of
8 **ATLANTIC RICHFIELD COMPANY**, a Delaware corporation, on behalf of said
9 corporation.

10
11 _____
12
13 _____
14 (Print Name)
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18 My Commission Expires:
19 _____
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21
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Notary Public in and for the State of Texas

23
24 STATE OF _____
25
26 COUNTY OF _____
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28 This instrument was acknowledged before me on this _____ day of
29 _____, 1992, by _____, as _____
30 of _____, a _____ corporation, on behalf
31 of said corporation.

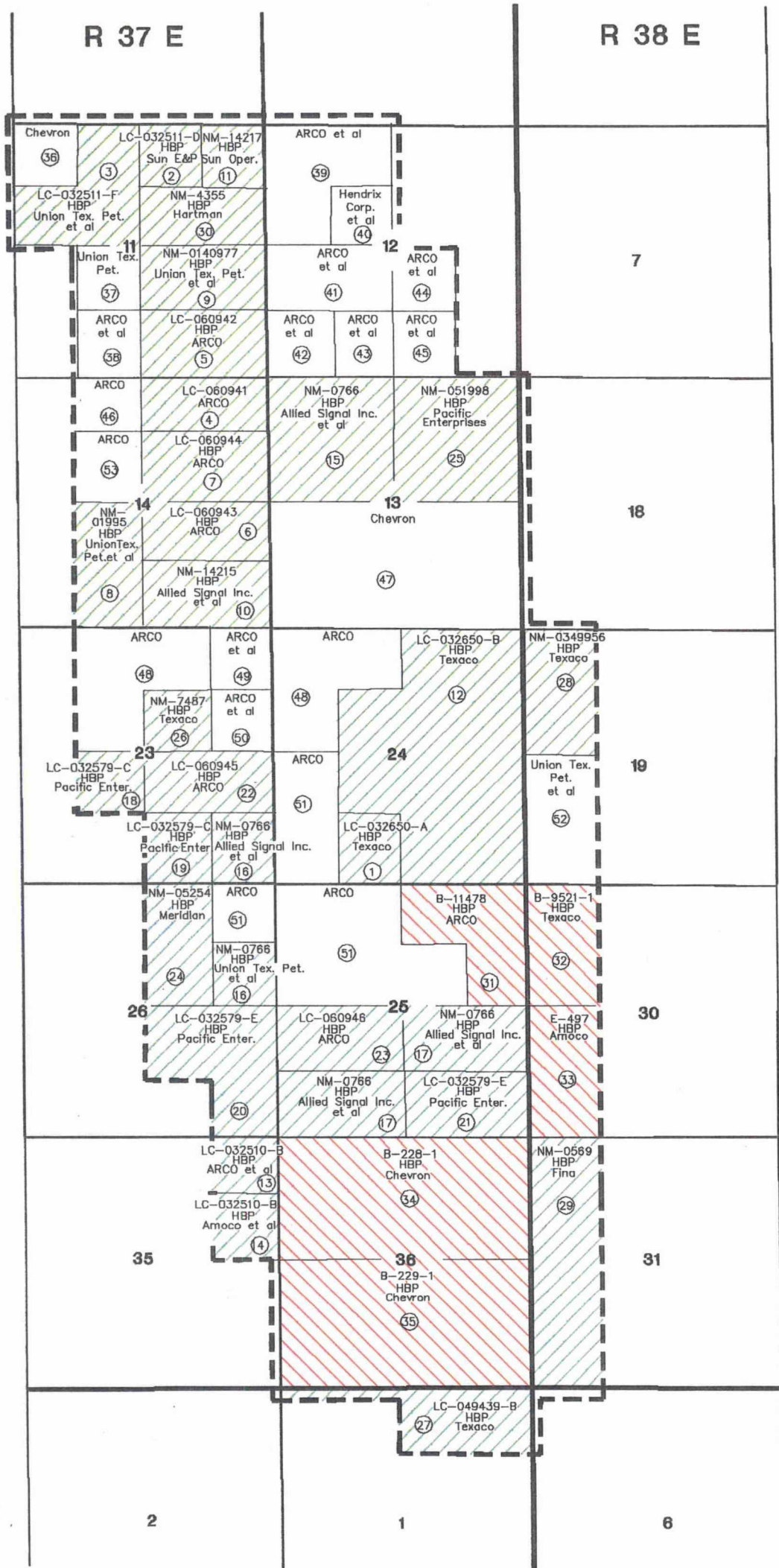
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Notary Public in and for the State of _____

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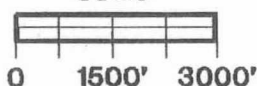
**Exhibit A
To Unit
Agreement**

ARCO Oil & Gas
South Justis Unit
Lea County, New Mexico
Scale: 1"=3000'
By: R. Pyle
Date: 8-92
Dept: Exploration
Drawn By: RGJ
Date: 8-92
Dwg. No. SJU37G

Legend

--- Unit Boundary
(5) Tract Number

Scale



Patented
Federal
State

	Acreage	Percentage
Patented	1,640.0	30.60
Federal	2,800.0	52.24
State	920.0	17.16
Total	5,360.0	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	Owner	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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	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%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	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%	The Aurand Company Miriam B. Johnson Alice Robertson William E. Thomas, II	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%	The Aurand Company Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership Amoco Production Co. Alice N. Robertson William E. Thomas II William E. Thomas II	ARCO Caspem Oil, Inc. 81.250000% 18.750000%

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	
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	Sliding Scale	ARCO	William E. Thomas, II	0.390600% ARCO	100%
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	Sliding Scale	ARCO	The Aurand Company Miriam B. Johnson MM Petroleum Corp. Alice N. Robertson William E. Thomas, II	0.390600% ARCO 0.390600% 4.687500% 0.390700% 0.390600%	100%
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	Sliding Scale	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	J. Steve Anderson III Thomas W. Anderson Corla L. Austin Betty Lou linehan Barbara Jean Rotliff Alfred B. Karnes, Jr	0.227860% Meridian Oil Production, Inc. 0.227860% 0.227870% 0.683590% 0.683590% 1.562500%	100%
9	N/2 SE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	80	NM 014097 11/1/35 HBP	United States – Bureau of Land Management	Sliding Scale	Union Texas Pet. Corp. Doyle Hartman Headington Minerals Inc.	J. Steve Anderson III Thomas W. Anderson Corla L. Austin Betty Lou linehan Barbara Jean Rotliff Alice N. Robertson William E. Thomas II The Aurand Company Miriam B. Johnson Partnership	0.683590% Meridian Oil Production, Inc. 0.683590% ARCO 0.683600% Headington Minerals, Inc. 1.025390% Doyle Hartman & wife, 1.025390% Margaret M. Hartman 0.390630% James A. Davidson, single 0.390630% Larry A. Nernyr, single 0.390620% James E. Burr & wife, 0.390620% La Veta F. Burr Jack Fletcher & wife, Delphia Fletcher	62.500000% 12.597656% 12.500000% 8.886719% 3.125000% 0.195313% 0.097656% 0.097656%

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	Owner	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	Allied Signal, Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Corda L. Austin Betty Lou Linehan Barbara Jean Ratliff 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. Cospen 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.	58.33333% 41.66667%	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.	100.0000%			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.	50.00000% 50.00000%	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		Lessee of Record		Overriding Royalty Owner		Working Interest Owner	
				Percentage	Owner	Percentage	Owner	Percentage	Owner	Percentage	Owner
14	SE/4 NE/4 Section 35, T-25-S, R-37-E, Lea County, New Mexico	40	LC-032510-8 7/29/37 HBP	United States – Bureau of Land Management	Sliding Scale	Amoco Production Co. Allied Signal Inc. Sun Operating Ltd. Partnership	50.000000% 41.66670% 08.33330%	J. Steve Anderson III Carlo Louise Austin Thomas W. Anderson Barbara Jeanne Ratliff Betty Lou Linehan William E. Thomas Alice N. Robertson The Aurand Company Moriam B. Johnson Partnership	0.227860% 0.227870% 0.227860% 0.683590% 0.683590% 0.390630% 0.390630% 0.390620% 0.390620%	Meridian Oil Production, Inc. Caspen Oil, Inc.	91.666670% 8.333000%
15	NW/4 Section 13, T-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	Allied Signal Inc. Sun Operating Limited Partnership	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Jack Linehan & Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	100% 83.33%
16	SE/4 SE/4, Section 23 SE/4 NE/4, Section 26, T-25-S, R-37-E, Lea County, New Mexico	80	NM-0766 11/8/37 HBP	United States – Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%
17	S/2 SW/4, N/2 SE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	160	NM-0766 11/8/37 HBP	United States – Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.333333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Betty Lou Linehan Barbara Jean Ratliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	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	Owner	Sliding Scale	Lessee of Record Percentage	Owner	Overriding Royalty Percentage	Owner	Working Interest Percentage
18	NE/4 SW/4 Section 23, T-25-S, R-37-E, Leo County, New Mexico	40	LC-032579-C 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	3.992852% 1.522223%	American Exploration Co. Company Marathon	70.00% 30.00%	
19	SW/4 SE/4 Section 23, T-25-S, R-37-E, Leo County, New Mexico, 4,898 feet to 7,212 feet	40	LC-032579-C 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.851852% 1.222223%	American Production Partnership VI Ltd. American Exploration Company American Exploration Acquisition VI Corp. American Production Partnership VII Ltd. New York Life Oil & Gas Production Partnership II-G New York Life Oil & Gas Prod. Production Partnership II-E New York Life Oil & Gas Production Partnership II-F New York Life Oil & Gas Production Partnership III-B	52.083700% 1.819401% 12.426200% 4.548503% 11.345223% 9.983413% 4.676366% 3.117194%	
20	NW/4 SE/4, E/2 SE/4 Section 26, T-25-S, R-37-E, Leo County, New Mexico	120	LC-032579-E 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%	
21	S/2 SE/4 Section 25, T-25-S, R-37-E, Leo County, New Mexico	80	LC-032579-E 12/8/37 HBP	United States – Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%	

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LEA COUNTY, NEW MEXICO

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EXHIBIT "B"

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

Jr. 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
25	NE/4 Section 13, T-25-S, R-37-E, Lea County, New Mexico	160	NM-051998 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	Pacific Enterprises Oil Company Marathon
							70% 30%
26	SW/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	NM-7487 2/1/88 (renewal)	United States - Bureau of Land Management	12.500000%	Texaco USA	Texaco
						Martha Johns Densmore Nancy Johns Dent Grace B. Backman	2.5000000% 2.5000000% 2.5000000%
							100%
27	N/2 NE/4 Section 1, T-26-S, R-37-E, Lea County, New Mexico	80	LC-049439-B 10/3/38 HBP	United States - Bureau of Land Management	Sliding Scale	Texaco Expl. & Prod. Inc.	Texaco
						Ronald K. Deford George D. & Edith G. Riggs Living Trust Wills Royalty Inc.	0.625000% 0.6250000% 0.6250000%
							100%
28	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the Blinby Formation only	80	NM-034956 6/1/47 HBP	United States - Bureau of Land Management	12.500000%	Texaco Expl. & Prod. Inc.	Texaco
						John M. Loffland, Jr. T. A. Pedley, Jr. c/o Thomas J. Hayes Effie E. Volantine c/o United California Bank First Interstate Bank of Denver NA, Account No. 120003306 James N. Coll Charles H. Coll Max W. Coll II Jon F. Coll RepublicBank Dallas NA Trustee U/W/O Selma E. Andrews, Trust #5188 Fronz R. Lupton, Jr.	0.125000% 0.015630% 0.007810% 0.214840% 0.014650% 0.014650% 0.014640% 0.014650%
							100%
							0.268530%

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
28A	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the Tubb/Drinkard formation only	80	NM-0349956 6/1/47 HBP	United States - Bureau of Land Management	12.500000%	Texaco Expl. & Prod. Inc.	100.0000%

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
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	12.500000%	0/c 03958-04-8	0.021870%
						James N. 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 Bradshaw Bobb Lupton	0.007810%
						Charles T. Lupton, Jr.	0.009380%
						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							
c/o J. Thomas Schieffer	0.125000%						
Lucy O. Ross	0.125000%						

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	Sliding Scale	Doyle Hartman	100.0000%	The Aurond Company	0.390625%	ARCO	50.390625%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Percentage	Owner	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner Percentage
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 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.	Apache	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%				

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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
PATENTED LANDS						
36	NW/4 NW/4 Section 11, T-25-S, R-37--E Leo County, New Mexico	40	HBP	Chevron USA Inc. Amoco Production Company Atlantic Richfield Company Theodocio G. Bates Warren J. Bates Charles T. Bates, Jr. James Henry Beatty Elizabeth Beatty Dudley Lucille Chism Bates Wilma Chism Loin Mary Helen Seeton Elinor C. Shaughnessy Amerada Hess Corporation Ellis Rudy Ritts Royalty Company Thomas G. Voss Judd Moore Marion U. & Donald B. Heard Mildred Smith Rowls Magobel Smith Rule Cassius L. Smith Rosa Lee Smith Johnson Katie Smith Hazelhurst Eva W. Graham Mary Smith Bowers Richard L. Cromatie, Jr. Jane Cromatie Williams T. L. Woolen	ARCO Petr. Products Co. Div. of Atlantic Richfield Co.	100%
				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%	0.612700%	

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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
				Percentage	Percentage	Percentage
	John D. Atkins			0.020500%		
	Lilian Smith Word			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. Syfert			0.034730%		
	Rosalind liehold			0.002170%		
	William M. Diltner, Sr.			0.002170%		
	John A. Diltner			0.002170%		
	Albert Diltner			0.002900%		
	Charles A. Burgess			0.034730%		
	Ellen E. Booker			0.002170%		
	Luella Boes Forwolder			0.011580%		
	Donald Woods			0.011580%		
	Helen Lee Voss Bronder			0.111600%		
	F. Kieffer Voss			0.111600%		
	W. M. Riddle & Betty J. Riddle			0.004980%		
	Archie D. Smith & Clarbelle					
	Beals Trust dtd. 12-9-70					
	Archie D. Smith Jr, Trustee			0.644800%		

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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
				Percentage	Percentage	Percentage
	Frances W. Scott			0.004430%		
	Estate of Catherine L. Dumorese					
	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 Nommensen 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					
	Managment 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%		
	Texas Commerce Bank of					

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
				Percentage	Percentage	Percentage
	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					
	Oleta 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. Amonle			0.004430%		
	Dorothy Hobura 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%		
	Thomas J. Gebraith Char. Trt.					

EXHIBIT "B"

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

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

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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	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. Broodrick			1.302080%		
	Wendall Welch Iverson			0.071133%		
	S. E. Cone, Jr.			0.6944441%		
	B. B. Ginsberg			0.187502%		
	S. J. Iverson, Jr.			0.071133%		
	Marjorie Cone Kastman			0.6944444%		
	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 Mehhop			1.302160%		
	ARCO			0.312500%		
	Dorothy Stuart Bruno			0.152082%		
	Kenneth G. Cone			0.104168%		
	Clifford Cone			0.104168%		
	Avril Stuart Dew			0.152082%		
	J. H. Herd			0.468751%		

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
				Percentage	Percentage	Percentage
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	Katherine Adeline Cone Keck	0.694444%	99.707031% + Meridian Oil Production Inc 0.292969%
				Phoebe Shelton	0.213400%	
				Irene Stuart Smoll	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%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust	1.562500%	
				Fina Oil and Chemical Company	3.125000%	
				Lee M. Boss, Inc.	0.390625%	
				Sid R. Boss, Inc.	0.390625%	
				Keystone, Inc.	0.390625%	
				Thru line, Inc.	0.390625%	
				C. W. Samuels	0.390625%	
				Notionsbank of Texas, NA (as successor),		
				Escrow Agent -Sobine		
				Royalty Trust	1.562500%	
				Atlantic Richfield Company	10.625000%	

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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
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	1.562500%		ARCO	99.707031%
					Edna lone Holl, as Trustee of the Edna lone Holl Living Trust			* Meridian Oil Production Inc	0.292969%
					Fino Oil and Chemical Company	1.562500%			
					Lee M. Bass, Inc.	3.125000%			
					Sid R. Bass, Inc.	0.390625%			
					Keystone, Inc.	0.390625%			
					Thru Line, Inc.	0.390625%			
					C. W. Samuels	0.390625%			
					Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust	1.562500%			
					Atlantic Richfield Company	10.625000%			
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	1.562500%		ARCO	75.000000%
					Edna lone Holl, as Trustee of the Edna lone Holl Living Trust			Meridian Oil Production, Inc.	25.000000%
					Fino Oil and Chemical Company	1.562500%			
					Lee M. Bass, Inc.	3.125000%			
					Sid R. Bass, Inc.	0.390625%			
					Keystone, Inc.	0.390625%			
					Thru Line, Inc.	0.390625%			
					C. W. Samuels	0.390625%			
					Nationsbank of Texas, NA				

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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
40	SE/4 NW/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	(as successor), Escrow Agent- Sobine Royally Trust		1.562500%			
				Atlantic Richfield Company		10.625000%			
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust		1.562500%	Atlantic Richfield Company	11.250000%	ARCO + Meridian Oil Production Inc
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust					
				Fina Oil and Chemical Company		1.562500%			
				Lee M. Boss, Inc.		3.125000%			
				Sid R. Boss, 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- Sobine Royally Trust		1.562500%			
				Atlantic Richfield Company		10.625000%			
40A	SE/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	40	HBP	Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust		1.562500%	Atlantic Richfield Company	11.250000%	ARCO
				Edna lone Hall, as Trustee of the Edna lone Hall Living Trust					
				Fina Oil and Chemical Company		1.562500%			
				Lee M. Boss, Inc.		3.125000%			
						0.292969%			100%

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	
				Percentage		Percentage		Percentage	
41	N/2 SW/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	80	HBP	Sid R. Bass, Inc.	0.292969%			ARCO	45.312500%
				Keystone, Inc.	0.292969%			Meridian Oil Production Inc.	15.380859%
				Thru Line, Inc.	0.292968%			Lee M. Bass, Inc.	2.343750%
				C. W. Samuels	0.390625%			Sid R. Bass Inc.	2.343750%
				Notionsbank of Texas, NA				Keystone Inc.	2.343750%
				(as successor), Escrow Agent -	1.562500%			Thru Line Inc.	2.343750%
				Sobine Royalty Trust				H.B. Fuqua, Trustee under the	
				Atlantic Richfield Company	10.625000%			Last Will and Testament of	
								Dolores Mooers, Dec'd	8.750000%
				Delltex Royalty Co., Inc	0.878906%			First National Bank of	
				Way Enterprises, Inc.	0.878906%			Ft. Worth, Trustee	5.625000%
				Thomas H. Law, Hamilton				ORyx Energy Company	4.687500%
				Rodgers & Margaret Snider	0.781250%			Mooers Oil Corporation	4.375000%
				for Nancy S. Tilly Snyder				Delltex Royalty Company, Inc	3.125000%
				Beverly Anne Carter	0.878906%			Way Enterprises, Inc.	3.125000%
				Joyce Ann Brown	0.585938%			* Meridian Oil Production Inc	0.244141%
				B.A. Christmas, Jr.	0.292969%				
				Bradford Ace Christmas	0.073242%				
				Mary T. Christmas Holladay	0.073242%				
				Candy Christmas	0.073242%				
				Helen Jane Christmas Barby	0.073242%				
				Heirs or Devisees of Alma					
				Pearl Eaton Hughes Watkins,					
				Deceased	1.562500%				
				First National Bank of Lubbock					
				Successor Trustee of Beulah					
				H. Simmons Trust B F/B/O					
				Mary Jane Hand	0.219727%				
				First NLL Bank of Lubbock					
				Successor Trustee of					

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
				Percentage	Percentage	Percentage
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP	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. Bass, Inc.		
				0.292969%		
				Keystone, Inc.		
				0.292969%		
				Thru Line		
				0.292969%		
				Lee M. Bass		
				0.292968%		
				Mooers Oil Corporation		
				0.546875%		
				Alma E.H. Watkins		
				1.562500%		
				Rose Gunn		
				0.390626%		
				Charlene Rogers		
				0.390624%		
				Teambank, N.A.		
				1.093750%		
				Successor Trustee U/W/O		
				Dolores Mooers, Acct. #5976		
				NCNB Texas, Trustee of		
				the Mooers Trust,		
				Trustee #1311		
				0.703125%		
				ARCO		
				3.125000%		
				Sid R. Bass, Inc.		
				0.292969%		
				Keystone, Inc.		
				0.292969%		
				Thru Line		
				0.292969%		
42	SW/4 SW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico,	40	HBP			ARCO
						45.312500%
						Meridian Oil Production Inc.
						15.380859%
						Lee M. Bass, Inc.
						2.343750%

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	
				Percentage		Percentage		Percentage	
between the subsurface depths of 5,000 feet and 5,500 feet.				Lee M. Bass	0.292968%			Sid R. Bass Inc.	2.343750%
				Moers Oil Corporation	0.546875%			Keystone Inc.	2.343750%
				Alma E.H. Watkins	1.562500%			Thru Line Inc.	2.343750%
				Rose Gann	0.390626%			H.B. Fuqua, Trustee under the	
				Charlene Rogers	0.390624%			Last Will and Testament of	
				Teambank, N.A.	1.093750%			Dolores Moers, Dec'd	8.750000%
				Successor Trustee U/W/O				First National Bank of	
				Dolores Moers, Acct. #5976				Ft. Worth, Trustee	5.625000%
				NCNB Texas, Trustee of				ORXX Energy Company	4.687500%
				the Moers Trust,				Moers Oil Corporation	4.375000%
				Trustee #1311	0.703125%			Deltex Royalty Company, Inc	3.125000%
				ARCO	3.125000%			Woy Enterprises, Inc.	3.125000%
				First Ntl. Bank of Lubbock				*Meridon Oil Production Inc.	0.244141%
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					
				Shipley Sullivan	0.219727%				
				First Ntl. 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 Ntl. Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust B -	0.219727%				
				F/B/O Mary Jane Hand	0.878906%				
				Deltex Royalty Co., Inc	0.878906%				
				Woy Enterprises, Inc.					

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	
				Percentage		Percentage		Percentage	
42A	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder					
				0.781250%					
				0.878906%					
				0.781250%					
				0.585938%					
				0.292969%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
				0.073242%					
42A	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	Helen Jane Christmas Barbry Heirs or devisees of Alma Pearl Edton Hughes Matkins, Deceased					
				1.562500%					
				0.292969%					
				0.292969%					
				0.292969%					
				0.292968%					
				0.546875%					
				1.562500%					
				0.390626%					
				0.390624%					
				1.093750%					
				Successor Trustee U/W/O Dolores Mooers, Acct. #5976 NCONB Texas, Trustee of the Mooers Trust, Trustee #1311 ARCO					
				0.703125%					
				3.125000%					
42A	SW/4 SW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,250 feet	40	HBP	ARCO				60.693360%	
				Lee M. Bass, Inc.				2.343750%	
				Sid R. Bass Inc.				2.343750%	
				Keystone Inc.				2.343750%	
				Thru Line Inc.				2.343750%	
				H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Mooers, Dec'd First National Bank of Ft. Worth, Trustee ORXX Energy Company Mooers Oil Corporation Deltex Royalty Company, Inc Way Enterprises, Inc. MeridianOil Production Inc.				8.750000%	
								5.625000%	
								4.687500%	
								4.375000%	
								3.125000%	
								3.125000%	
								3.125000%	
								3.125000%	
								3.125000%	
								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
				Percentage	Percentage	Percentage
	First NLI. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean					
	Shipley Sullivan			0.219727%		
	First NLI. 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 NLI. 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. Law, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder Beverly Anne Carter					0.219727% 0.878906% 0.878906% 0.781250% 0.878906%
	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holladay Candy Christmas Helen Jane Christmas Barby Heirs or Devises of Alma					0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242%

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
				Percentage	Percentage	Percentage
43	SE/4 SW/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	Pearl Eaton Hughes Watkins, Deceased	1.562500%	
				Sid R. Bass, Inc. Keystone, Inc. Thru Line	0.292969% 0.292969% 0.292969%	ARCO Lee M. Bass, Inc. Sid R. Bass Inc.
				Lee M. Bass	0.292968%	Keystone Inc.
				Moers Oil Corporation	0.546875%	Thru Line Inc.
				Alma E.H. Watkins	1.562500%	H.B. Fuqua, Trustee under the Last Will and Testament of
				Rose Gann	0.390626%	Dolores Moers, Dec'd
				Charlene Rogers	0.390624%	First National Bank of Ft. Worth, Trustee
				Teambank, N.A.	1.093750%	5.625000%
				Successor Trustee U/W/O Dolores Moers, Acct. #5976		4.687500%
				MCNB Texas, Trustee of the Moers Trust, Trustee #1311	0.703125%	4.375000%
				ARCO	3.125000%	3.125000%
				First Ntl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jeon		3.125000%
				Shipley Sullivan	0.219727%	Woy Enterprises, Inc.
				First Ntl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jeon Shipley Sullivan		*Meridian Oil Production Inc.
				First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O	0.219726%	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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
44	NW/4 SE/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico,	40	HBP	Mary Jane Hand	0.219727%	
				First NLI, Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust B -	0.219727%	
				F/B/O Mary Jane Hand	0.878906%	
				Dellex Royalty Co., Inc	0.878906%	
				Way Enterprises, Inc.		
				Thomas H. Law, Hamilton		
				Rodgers & Margaret Snider		
				for Nancy S. Tilly Snyder	0.781250%	
				Beverly Anne Carter	0.878906%	
				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 Barbry	0.073242%	
				Heirs or Devisees of Alma		
				Pearl Eaton Hughes Watkins,		
				Deceased	1.562500%	
				First NLI, Bank of Lubbock		
				Successor Trustee under the		
				lost Wills and Testaments		
				of J.E. Simmons and Beulah		
				Simmons, Deceased	0.878906%	
				Sid R. Boss, Inc.	0.292969%	
				Keystone, Inc.	0.292969%	
				Thru line	0.292969%	
				ARCO		32.812500%
				Lee M. Boss, Inc.		2.343750%
				Sid R. Boss Inc.		2.343750%

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
5,450 feet	between the subsurface depths of 5,000 feet and 5,450 feet	Lee M. Boss		0.292968%				Keystone Inc. 2.343750%
		Moore's Oil Corporation		0.546875%				Thru line Inc. 2.343750%
		Almo E.H. Watkins		1.562500%				H.B. Fuqua, Trustee under the
		Rose Gann		0.390626%				Last Will and Testament of
		Charlene Rogers		0.390624%				Dolores Moore, Dec'd
		Teambank, N.A.		1.093750%				First National Bank of
		Successor Trustee U/W/O						Ft. Worth, Trustee
		Dolores Moore, Acct. #5976						ORyx Energy Company
		NCNB Texas, Trustee of						Moore's Oil Corporation
		the Moore's Trust,						Delltex Royalty Company, Inc
		Trustee #1311		0.703125%				Woy Enterprises, Inc.
		ARCO		3.125000%				* Meridian Oil Production Inc
		First NLI. Bank of Lubbock						
		Successor Trustee of						
		J.E. Simmons Trust A						
		F/B/O Jean						
		Shipley Sullivan		0.219727%				
		First NLI. 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 NLI. Bank of Lubbock						
		Successor Trustee of						
		J.E. Simmons Trust B -						
		F/B/O Mary Jane Hand		0.219727%				
		Delltex Royalty Co., Inc		0.878906%				
		Woy Enterprises, Inc.		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
				Percentage	Percentage	Percentage
	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmas, Jr.			0.292969%		
	Bradford Ace Christmas			0.073242%		
	Mary T. Christmas Holiday			0.073242%		
	Candy Christmas			0.073242%		
	Helen Jane Christmas Barby			0.073242%		
	Heirs or devisees of Alma Pearl Eaton Hughes Watkins,					
	Deceased			1.757813%		
	William Riley Eaton			1.302083%		
	Kathryn Pearl Gordon			0.156250%		
	Marilyn Joan Craig			0.156250%		
	Air Wonda Jean Stutzman			0.156250%		
	Raymond Harrison Eaton			0.156250%		
	Helen Moy Hamilton			0.156250%		
	Daisey Elmo Turner			2.083333%		
	Callie Eaton Pyrell			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Treview Eaton			0.195313%		
	Linzy Hampie Eaton			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	
44A	NW/4 SE/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, below 5,450 feet	40	HBP	Sid R. Boss, Inc.	0.292969%	ARCO	59.746796%
				Keystone, Inc.	0.292969%	Lee M. Boss, Inc.	2.343750%
				Thru Line	0.292969%	Sid R. Boss Inc.	2.343750%
				Lee M. Boss	0.292968%	Keystone Inc.	2.343750%
				Mooers Oil Corporation	0.546875%	Thru Line Inc.	2.343750%
				Almo E.H. Watkins	1.562500%	H.B. Fuguu, Trustee under the Lost Will and Testament of Dolores Mooers, Dec'd	8.750000%
				Rose Gonn	0.390626%	First National Bank of Fl. Worth, Trustee	5.625000%
				Charlene Rogers	0.390624%	Mooers Oil Corporation	4.375000%
				Teambank, N.A.	1.093750%	Deltex Royalty Company, Inc	3.125000%
				Successor Trustee U/W/O Dolores Mooers, Acct. #5976		Way Enterprises, Inc.	3.125000%
				NCNB Texas, Trustee of the Mooers Trust, Trustee #1311	0.703125%	First National Bank of Lubbock, Successor Trustee under the Lost Will Testament of J. E. Simmons, and Beulah H. Simmons, Deceased	3.125000%
				ARCO	3.125000%	ORVX Energy Company	2.343750%
				First Ntl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean	0.219727%	*Meridian Oil Production Inc.	0.439454%
				Shipley Sullivan First Ntl. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O	0.219726%		
				Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust B F/B/O			
				Mary Jane Hand First Ntl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B -	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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	F/B/O Mary Jane Hand Deltex Royalty Co., Inc Woy 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 Helen Jane Christmas Barby Herrs or Deviseses of Alma Pearl Eaton Hughes Matkins, Deceased			0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 0.073242%		
	William Riley Eaton Kathryn Pearl Gordon Marilyn Joan Craig Air Wanda Jean Stutzman Raymond Harrison Eaton Helen Moy Hamilton Doisey Elmo Turner Collie Eaton Pyeatt Jennie Lois Eaton Hodges William Henry Eaton Charlie Trevor Eaton Linzy Hampie Eaton Heirs or Deviseses of Alma Pearl Eaton Hughs Matkins,			1.562500% 1.302083% 0.156250% 0.156250% 0.156250% 0.156250% 0.156250% 2.083333% 0.260417% 0.195313% 0.195313% 0.195313% 0.195313% 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
45	SW/4 SE/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	Deceased	0.195313%	
				Clarence Victor Eaton	0.195313%	
				Artie Mae Eaton Wilson	0.195313%	
				Charlie E. Eaton	0.195313%	
45	SW/4 SE/4 Section 12, 1-25-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.	0.292969%	ARCO
				Keystone, Inc.	0.292969%	Meridian Oil Production, Inc
				Thru Line	0.292969%	Lee M. Bass, Inc.
				Lee M. Bass	0.292968%	Sid R. Bass Inc.
				Moers Oil Corporation	0.546875%	Keystone Inc.
				Alma E.H. Matkins	1.562500%	Thru Line Inc.
				Rose Gann	0.390626%	H.B. Fuqua, Trustee under the
				Charlene Rogers	0.390624%	Last Will and Testament of
				Teambank, N.A.	1.093750%	Dolores Moers, Dec'd
				Successor Trustee U/W/O		First National Bank of
				Dolores Moers, Acct. #5976		Ft. Worth, Trustee
				NCNB Texas, Trustee of		ORXX Energy Company
				the Moers Trust,		Moers Oil Corporation
				Trustee #1311	0.703125%	Deltek Royalty Company, Inc
				ARCO	3.125000%	Woy Enterprises, Inc.
				First Ntl. Bank of Lubbock		*Meridian Oil Production Inc.
45	SW/4 SE/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	Successor Trustee of J.E. Simmons Trust A		
				F/B/O Jeon		
				Shipley Sullivan	0.219727%	
				First Ntl. Bank of Lubbock		
45	SW/4 SE/4 Section 12, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 5,000 feet and 5,500 feet	40	HBP	Successor Trustee of Beulah H. Simmons Trust A F/B/O		
				Jeon Shipley Sullivan	0.219726%	
				First National Bank of Lubbock		

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
				Percentage	Percentage	Percentage
	Successor Trustee of Beulah H. Simmons Trust B F/B/O Mary Jane Hand			0.219727%		
	First Ntl. Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/B/O Mary Jane Hand			0.219727%		
	Detlex Royalty Co., Inc Woy Enterprises, Inc.			0.878906%		
	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown B.A. Christmas, Jr. Bradford Ace Christmas Mary T. Christmas Holiday Candy Christmas			0.585938%		
	Helen Jane Christmas Borby Heirs or Devisees of Alma Pearl Eaton Hughes Watkins, Deceased			0.073242%		
	William Riley Eaton Kathryn Pearl Gordon Marilyn Joan Craig Air Wanda Jean Stutzman Raymond Harrison Eaton Helen May Hamilton Daisey Elmo Turner Cattie Eaton Pyett			1.562500%		
				1.302083%		
				0.156250%		
				0.156250%		
				0.156250%		
				0.156250%		
				0.156250%		
				2.083333%		
				0.260417%		

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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
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		Jennie Lois Eaton Hodges	0.195313%			
					William Henry Eaton	0.195313%			
					Charlie Trevor Eaton	0.195313%			
					Linzy 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%			
					Sid R. Bass, Inc.	0.292969%			
					Keystone, Inc.	0.292969%			
					Thru Line	0.292969%			
					Lee M. Bass	0.292968%			
					Moore's Oil Corporation	0.546875%			
					Alma E.H. Watkins	1.562500%			
					Rose Gann	0.390626%			
					Charlene Rogers	0.390624%			
					Teambank, N.A.	1.093750%			
					Successor Trustee U/W/O Dolores Moore's, Acct. #5976				
					NCNB Texas, Trustee of the Moore's Trust,				
					Trustee #1311	0.703125%			
					ARCO	3.125000%			
					First Natl. Bank of Lubbock				
					Successor Trustee of J.E. Simmons Trust A				
					F/B/O Jean				
					ARCO				
					Meridian Oil Production, Inc	27.685547%			
					Lee M. Bass, Inc.	2.343750%			
					Sid R. Bass Inc.	2.343750%			
					Keystone Inc.	2.343750%			
					Thru Line Inc.	2.343750%			
					H.B. Fuqua, Trustee under the Last Will and Testament of Dolores Moore's, Dec'd	8.750000%			
					First National Bank of Ft. Worth, Trustee	5.625000%			
					ORXX Energy Company	4.687500%			
					Moore's Oil Corporation	4.375000%			
					Deltex Royalty Company, Inc	3.125000%			
					Woy Enterprises, Inc.	3.125000%			
					* Meridian Oil Production Inc	0.439453%			

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		Overriding Royalty Owner		Working Interest Owner	
				Percentage		Percentage		Percentage	
46	NE/4 NW/4 Section 14, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Marilyn Joan Craig	0.156250%				
				Air Wanda Jean Stutzman	0.156250%				
				Raymond Harrison Eaton	0.156250%				
				Helen Moy Hamilton	0.156250%				
				Doisey Elma Turner	2.083333%				
				Collie Eaton Pyeatt	0.260417%				
				Jennie Lois Eaton Hodges	0.195313%				
				William Henry Eaton	0.195313%				
				Charlie Trevier Eaton	0.195313%				
				Linzy Hommie Eaton	0.195313%				
				Heirs or Deviseses of Alma					
				Pearl Eaton Hughs Watkins,					
				Deceased	0.195313%				
				Clarence Victor Eaton	0.195313%				
				Artie Mae Eaton Wilson	0.195313%				
				Charlie E. Eaton	0.195313%				
				Louro R. Stuart	0.076039%				
				Anne Stuart Marble	0.076039%				
				Desa L. Lee Laird	0.260430%				
				Maurine Johnson, Trustee	0.062502%				
				John J. Redfern III					
				Ind. Executor of the Estate					
				of John J. Redfern, Jr.	0.234374%				
				Lillie M. Yates, Frank W. Yates					
				and S. P. Yates, Personal					
				Representatives O/E/O					
				Martin Yates III	0.219440%				
				NCNB Texas National Bank					
				Trustee of the Donald L.					

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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Jones Trust			0.260422%		
	NCNB Texas National Bank					
	Trustee of the Lottie D.					
	Jones Trust			0.260422%		
	Rosalind Redfern			0.234374%		
	Judy Stovoll			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. Brodick			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. Yoles			0.437531%		
	Frank W. Yoles, Jr., A/I/F			0.212944%		
	for Lillie M. Yoles					
	Estelle Andrews Mehhop			1.302160%		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
47	S/2 Section 13, T-25-S, R-37-E, Lea County, New Mexico	320	HBP	ARCO		
				Drotha Stuart Bruno	0.312500%	
				Kenneth G. Cone	0.152082%	
				Clifford Cone	0.104168%	
				Avril Stuart Dew	0.104168%	
				J. H. Herd	0.152082%	
				Katherine Adeline Cone Keck	0.468751%	
				Phoebe Shelton	0.694444%	
				Irene Stuart Small	0.213400%	
				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%	
				Leon G. Beery	0.195300%	
				M. L. Davis Oil Trust		
				First Interstate Bank of		
				Oklahoma, Successor Trustee	0.004900%	
				Royalt Holding Company	2.636700%	
				James Henry Beary	0.023900%	
				Elizabeth Beary Dudley	0.023900%	
				Elliot Oil Company	0.390700%	
				Audrey M. Curry Baker	0.000200%	
				Gordon G. Lancaster		
				c/o Fidelity USA		
				Account #507-188093	0.195300%	
				Elinor C. Shoughnessy	0.018100%	
						Chevron
						100%

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
				Percentage	Percentage	Percentage
	Amerado Hess Corporation			3.125000%		
	Earle M. Simon			0.002400%		
	Harry Levy			0.002400%		
	Veva K. Nelson			0.009800%		
	Margaret R. Ellison			0.001200%		
	C. S. Daley			0.002500%		
	Joseph Nelson			0.004900%		
	Ellis Rudy			0.018100%		
	Ritis Royalty Company					
	Bank of Oklahoma Tulsa NA					
	Agent & Atty-in-Fact			0.752300%		
	Joy Rene Pope			0.048900%		
	Gaylene Ashcraft			0.048800%		
	Beverly B. Nelson			0.002400%		
	Judd Moore			0.047700%		
	Marion U. & Donald B. Heard			0.162700%		
	Mildred Smith Rawls			0.010330%		
	Magabel Smith Rule			0.010330%		
	Cassius L. Smith			0.011620%		
	Rosa Lee Smith Johnson			0.010990%		
	Katie Smith Hozelhurst			0.010330%		
	Evo W. Graham			0.010330%		
	Mary Smith Bowers			0.010330%		
	Richard L. Cromartie, Jr.			0.008720%		
	Jane Cromartie Williams			0.011950%		
	T. L. Woolen			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%		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	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 Liethold			0.002530%		
	William M. Dittmer, Sr.			0.002530%		
	John A. Dittmer			0.002530%		
	Albert Dittmer			0.003380%		
	Charles A Burgess			0.040500%		
	Ellen E. Booker			0.002530%		
	Luella Boes Forwarder			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%		

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
				Percentage	Percentage	Percentage
	G. T. Blankenship Texas American Bank, Successor Trustee U/W/O Dolores Mooers, Acct #5976			0.605500%		
	NCNB Texas National Bank of Ft. Worth, Trustee U/A of the Canpey Hanger et al Mooers Trust			0.989100%		
	Richard A. Whittington			0.635850%		
	D. V. Thompson			0.000330%		
	c/o Richard A. Whittington American State Bank and Martha McEvoy Pope, Co- Trustees of the Hattie C. Williams Trust U/W dated 8-10-81			0.000320%		
	Betty L. Armonte			0.195300%		
	Beams Minerals Company			0.005170%		
	Susan Lamb Griffith			0.039200%		
	John Austin Rittenhouse			0.000300%		
	Judith Rittenhouse			0.000300%		
	Thomas W. Tucker					
	c/o Susan L. Griffith			0.000060%		
	April Elizabeth Tucker			0.000060%		
	Floyd M. Melton, Jr.					
	Guardian for Molly Catherine Lamb			0.000060%		
	Floye M. Melton, Jr.					
	Guardian for Loren Tyner Lamb			0.000060%		
	Libby L. Underwood Morrish			0.002400%		

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
48	E/2 NW/4, NW/4 NE/4 Section 23, N/2 NW/4, SW/4 NW/4 Section 24, T-25-S, R-37-E, Leo County, New Mexico	240	HBP	TOC-Gulf Coast Inc.					
				c/o Fino Oil & Chemical Co.	0.390700%				
				Moovers Oil Corporation	0.494550%				
				Steven R. Fine	0.005810%				
				Kathleen F. Smith	0.010330%				
				R. E. Guest, Oil Producer	0.001000%				
				Sharon Antoinette Dumas	0.0520850%				
				Jerry N. Nislar	0.0039075%				
				Mildred Nislar	0.0078150%				
				Joan N. Brown	0.0039075%				
				Mark A. Hannifin	0.130213%				
				American State Bk and					
				Martha McEvoy Pope,					
				Co-Trustees of the					
				Hattie C. Williams Trust	0.781300%				
				Louella M. Kelly,					
				Life Estate	0.113270%				
				James M. Morey and					
				The Liberty Ntl 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. Low and James					

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
				Percentage	Percentage	Percentage
	B. Low, Co-Trustees of the Marilyn M. Low 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 N'1 Bk as Trustee for Suda Willis Oles			0.449200%		
	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			0.906360%		
	Kondly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%		
	North Central Oil Corp. Southland Royalty Co.			1.093700%		
	Jo Ann SeEVERS Trustee of the Trust created in the w/o James N. SeEVERS S.E. Cone Jr.			1.562500%		
				0.022659%		
				0.833330%		

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
				Percentage	Percentage	Percentage
				Marjorie Cone Kostman		0.833330%
				Christine Toles Elliott		0.065100%
				Eunice Cone Gibson		0.156300%
				Marybeth Toles Mangum		0.065100%
				Robert Mosbacher I Acct.		0.046900%
				J. Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust		
				Atlantic Richfield Company		0.065100%
				Cathie Auvenshine		0.781200%
				Stewart Bachman, Jr.		0.089840%
				Kenneth G. Cone		0.101570%
				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%
				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		
				American St. Bk & Ora Lee Nislar Co-Trustees of the Robert Nislar Trust		0.097650%

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
				Percentage	Percentage	Percentage
	NCNB Texas MI Bk os Trustee U/W Paul S. Oles			0.113270%		
	Mary Beth Kelly Ping			0.018887%		
	Nina Jean SeEVERS Scott os Trustee under Trust					
	Agreement executed by Nino Jean SeEVERS Scott os 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 Minerois			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. 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%		

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
				Percentage	Percentage	Percentage
49	NE/4 NE/4 Section 23, T-25-S, R-37-E Lea County, New Mexico	40	HBP	Lyeth Oil Trust	0.585938%	ARCO Doyle Horton and wife, Margaret Horton James A. Davidson, separate property Larry A. Nerryr, separate property James E. Burr and wife, Loveta Burr Jack Fletcher and wife, Delphia Fletcher
				Ira L. Elliot	0.010851%	
				E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees	0.010851%	
				Toles-COM Ltd.	0.065104%	
				Katherine Cone Keck	0.8333333%	
				Joan Brown Trust, American Sl Bk and Jerry N. Nislar, Trustee	0.039063%	
				Niky Rotliff, Nancy Wallace and Joel Nislar Trust, American Sla Sl Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Org L. Nislar and American Sl Bk, Co-Trustees	0.039063%	
				Sharon Antoinette Dumas	0.0520850%	
40				Jerry N. Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	
				Joan N. Brown	0.0039075%	
				Mark A. Hannifin	0.130213%	
				American State Bk and Martha McEvoy Pope, Co-Trustees of the		
				Hattie C. Williams Trust	0.781300%	
				Louella M. Kelly, Life Estate		
				James M. Morey and The Liberty Natl BK,	0.113270%	

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
				Percentage	Percentage	Percentage
	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. Low and James B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%		
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co. P.O. Box 2479			0.130212%		
	Leon Binkley & Donna Frost as Personal Rep.s of the Estate of Kathleen Cone			0.449200%		
	Amarillo Mt'l Bk as Trustee for Sudo Willis Oles Revocable Trust			0.113300%		
	Emil Mosbocher Jr. "C" Acct. c/o R. Bruce Mosbocher			0.046900%		
	Emil Mosbocher Jr. "A" Acct. c/o R. Bruce Mosbocher			0.046800%		
	Emil Mosbocher Jr. "B" Acct. c/o R. Bruce Mosbocher			0.469000%		
	Jo Ann SeEVERS			0.906360%		

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
				Percentage	Percentage	Percentage
	Konoly Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%		
	North Central Oil Corp. Southland Royalty Co.			1.093700%		
	Jo Ann Seewers Trustee of the Trust created in the w/o James N. Seewers			1.562500%		
	S.E. Cone Jr.			0.022659%		
	Marjorie Cone Kostman			0.833330%		
	Christine Toles Elliott			0.833330%		
	Eunice Cone Gibson			0.065100%		
	Maybeth Toles Mangum			0.156300%		
	Robert Mosbacher L Acct.			0.065100%		
	J. Penrod Toles and Solly Toles, Trustees of the			0.046900%		
	J. Penrod Toles Trust			0.065100%		
	Atlantic Richfield Company			0.781200%		
	Cathie Auvenshine			0.089840%		
	Stewart Bachman, Jr.			0.101570%		
	Kenneth G. Cone			0.089840%		
	Clifford Cone			0.089840%		
	Tom R. Cone			0.089840%		
	Alyne Kelly Fuller			0.037763%		
	John H. Hendrix Corp.			0.260425%		
	Katherine Adeline Cone Keck			0.833340%		
	Robert Jockson Kelly, III			0.018887%		
	Phillip Lewis Lee			0.130200%		
	Randolph Palmer Lee			0.260400%		
	Edwin D. Lee			0.130200%		

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
				Percentage	Percentage	Percentage
	Robert Mosbacher A Ac			0.046900%		
	Robert Mosbacher T Ac			0.046900%		
	Robert Mosbacher K Ac			0.046900%		
	Ora Lee Nislar			0.195300%		
	A.merican 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 NII Bk as					
	Trustee U/W Paul S. Oles			0.113270%		
	Mary Beth Kelly Ping			0.018887%		
	Nina Jeon Seewers Scott					
	as Trustee under Trust					
	Agreement executed by					
	Nina Jeon Seewers Scott					
	as Grantor and Stewart					
	Bachman Jr. as Trustee			0.113295%		
	dated 7/27/1975.					
	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					

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
				Percentage	Percentage	Percentage
50	SE/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	HBP	Trust, Jimmy D. Morey and Mary Morey, Trustees	0.146484%	ARCO Doyle Hartman and wife, Margaret Hartman
				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. Elliot	0.010851%	
				E.A. Trust, Ira L. Elliott and Christine T. Elliott, Trustees	0.010851%	
				Totes-COM Ltd.	0.065104%	
				Katherine Cone Keck	0.833333%	
				Joon Brown Trust, American St Bk and Jerry N. Nislar, Trustee	0.039063%	
				Niky Ratliff, Nancy Wallace and Joel Nislar Trust, American Sto St Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Ora L. Nislar and American St Bk. Co-Trustees	0.039063%	
				Sharon Antoinette Dumas	0.0520850%	
				Jerry N. Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
	Joon N. Brown			0.0039075%		Joe Mobee, marital status		6.250000%	
	Mark A. Hannifin			0.130213%		unknown		6.250000%	
	American State Bk and					Apache		6.250000%	
	Mortho McEvoy Pope,					Headington Minerals, Inc.		5.555600%	
	Co-Trustees of the					James A. Davidson, separate			
	Hottie C. Williams Trust			0.781300%		property		5.153644%	
	Louella M. Kelly,					Meridian Oil Production, Inc.		4.340250%	
	Life Estate			0.113270%		*El Paso Production Co.		3.551100%	
	James M. Morey and					Betty Lou Linehon, separate			
	The Liberty N ^o 11 BK,					property		3.125000%	
	Co-Trustees of the Onez					Barbara Lu Rolliff, separate			
	Norman Rooney					property		3.125000%	
	Testamentary Trust,					J. Steve Anderson, marital			
	Trust # 1143074008			0.292950%		status unknown		3.125000%	
	Jimmy D. Morey and					J. L. Burkhardt, marital status			
	Mary M. Morey,					unknown		2.000000%	
	Co-Trustees of the					Larry A. Nernyr, as his			
	Jimmy D. Morey					separate property		0.322103%	
	Revocable Trust			0.146475%		James E. Burr and wife,			
	Marilyn M. Law and James					Loyeta Burr		0.161051%	
	B. Law, Co-Trustees of the					Jack Fletcher and wife,			
	Marilyn M. Law Revocable					Delphia Fletcher		0.161051%	
	Trust			0.146475%					
	Douglas Cone Trust,								
	Marilyn Cone Trustee			0.089840%					
	The New Mexico Co.								
	P.O. Box 2479			0.130212%					
	Leon Binkley & Donna								
	Frost as Personal Rep.s								
	of the Estate of								
	Kathleen Cone			0.449200%					

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
				Percentage	Percentage	Percentage
	Amarillo N ¹ /4 Bk as Trustee for Suda Willis Oles			0.113300%		
	Revocable Trust					
	Emil Mosbacher Jr. "C" Acct.			0.046900%		
	c/o R. Bruce Mosbacher					
	Emil Mosbacher Jr. "A " Acct.			0.046800%		
	c/o R. Bruce Mosbacher					
	Emil Mosbacher Jr. "B" Acct.			0.469000%		
	c/o R. Bruce Mosbacher			0.906360%		
	Jo Ann Seewers					
	Kandly 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			0.089840%		
	Stewart Bochman, Jr.			0.101570%		

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
				Percentage		Percentage		Percentage	
	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%					
	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 NII Bk as								
	Trustee U/W Paul S. Oles			0.113270%					
	Mary Beth Kelly Ping			0.018887%					
	Nino Jean SeEVERS Scott								
	as Trustee under Trust								
	Agreement executed by								
	Mino Jeon SeEVERS Scott								
	as Grantor and Stewart								
	Bachman Jr. as Trustee			0.113295%					
	dated 7/27/1975.								
	Barbara Mosbacher B AC			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	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Barbara Mosbocher C AC			0.046800%		
	Barbara Mosbocher 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%		
	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 St Bk and Jerry N. Nislar, Trustee			0.039063%		
	Niky Ratliff, Nancy Wallace and Joel Nislar Trust,					

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		
				Percentage	Owner	Percentage	Owner	Percentage	Owner	
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	American Std St Bk and Jerry Nislar, Co-Trustees						
				Joe S. Nislar Estate		0.019531%				
				Oro L. Nislar and American St Bk. Co-Trustees		0.078125%				
						0.039063%				
				Ernie W. Turner			0.520710%		ARCO	100%
				Leck A. Jones			0.520710%			
				Lara Alison Wimberley Trust			0.032550%			
				Clay David Wimberley Trust			0.032550%			
				Laura Hedley Wimberly Trust			0.032560%			
				Emily Ann Wimberley Trust			0.032550%			
Jesse Jameson Berg Trust			0.032550%							
Mary Megan Berg Trust			0.032550%							
Alice W. Nielson			0.585940%							
Leuie-Lane Wimberley Tisdall			2.604680%							
Lewis Woodrow Wimberley			1.041410%							
Benito Jean Birgningham			0.781250%							
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%		Texaco	35.000000%	
				Beatrice Bray Blackburn		0.019530%		Meridian Oil Production, Inc. (Operator)	21.093750%	
				G. T. Blankenship		0.781250%		Cospen Oil Inc.	15.468750%	
				J. O. Buffington		0.015700%		Elliott Oil Co.	6.250000%	
				Mollie Buffington Estate				ARCO	6.250000%	
				Pansy Weaver Administrator		0.036620%		Kathleen Cone	2.343750%	
				Texas State Treasurer F/A/O				J. R. Cone, et ux	2.343750%	
				W. T. Buffington		0.015700%		A. L. Cone Partnership	2.343750%	
				William W. Corlin		0.781250%		Ann H. Taylor	0.772060%	
				John J. Christmann		0.024410%				

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
	Michael B. Collins				0.195310%			First Century Oil, Inc.	0.694850%
	F. Ferrell Davis				0.097650%			Patricia Penrose Schieffer	0.501830%
	Paul L. Davis, Jr.				0.097660%			Douglas Cone	0.468750%
	Fairway Oil & Gas Company				0.024410%			Clifford Cone	0.468750%
	The Helmer Company				0.468750%			Thomas R. Cone	0.468750%
	Jack Morkham				0.024410%			Kenneth G. Cone	0.468750%
	J. Hiram Moore, Betty Jane							Cathie Cone Auvesthine	0.468750%
	Moore and Michael Harrison							Colleen M. Wallace	0.386030%
	Moore, Trustees				0.146480%			Robert L. McPherson	0.386030%
	United NM Trust Co. Trustee							Charles B. Read	0.386030%
	for Nevada Childrens							Donaldson Brown Trust A/C	0.347430%
	Foundation Inc., Reno Cancer							W.K. Byrom	3.088240%
	Center & Nevada TB &								
	Health Association				0.292970%				
	Charles B. Read				0.146480%				
	Linda Robison				0.015700%				
	Royally Holding Company				2.343750%				
	Shriners Hospital for Crippld								
	Children				0.097660%				
	Eunice L. Smith								
	c/o B. L. Reeves				0.015700%				
	Jont Tyson				0.048820%				
	Gertrude Olinger Tyson				0.097660%				
	James M. Welborn				0.024410%				
	NCNB Texas National Bank								
	Trustee, Trust #1311				0.820310%				
	Dolores Mooers Trust								
	Team Bank								
	Fort Worth Successor								
	Trustee, Acct #5976				1.276050%				

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
				Percentage	Percentage	Percentage
	Ivan L. Holl			0.015700%		
	Kathryn Everett Broy			0.019530%		
	Trust Corp of Montana					
	FBO Bessie L. Whelan			0.058590%		
	Peter Bates Tyson Estate					
	Joint Tyson Successor Ind. Executor					
	ARCO			0.048820%		
	Moers Oil Corporation			6.250000%		
	ECS Petroleum Company			0.638020%		
	Glodys R. Berry Loan			0.468750%		
	Fund Trust			0.039060%		
	L E Jones Mineral Co.			0.468750%		
	John J. Redfern III			0.008140%		
	Rosalind Redfern Grover			0.008130%		
	Roberto Redfern Garst			0.008140%		
	Corinne C. Hightower Trust					
	James Vance Stock, 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. Burton Jr.			0.019530%		
	Mark E. Hodge			0.019530%		
	James Vance Cowan, Trustee			0.260420%		
	Benjamin Scott Cowan Trust					
	Jack Vance Cowan, Trustee			0.260420%		

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
53	SE/4 NW/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	40	unleased	ARCO	12.500000%	ARCO 100%
TOTAL PAIENCED ACREAGE - 1,640.0 PERCENTAGE OF UNIT (SURFACE ACRES) - 30.6%						

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

EXHIBIT "C"

Attached to and made a part of that certain Unit Agreement dated _____, 19____, for the South Justis Unit located in Lea County, New Mexico

<u>TRACT NUMBER</u>	<u>UNIT PARTICIPATION PERCENT</u>
1	.648309
2	1.377364
3	3.383153
4	.813426
5	.821711
6	2.192094
7	1.829734
8	1.893095
9	1.278368
10	3.083234
11	1.850652
12	10.129934
13	.548765
14	1.040874
15	3.337506
16	1.915857
17	3.121720
18	.043063
19	1.277488
20	1.491918
21	2.323008
22	.837075
23	2.052803
24	.961458
25	1.197228
26	.921097
27	1.308680
28	.187129
28A	.202856
29	1.432614
30	2.359737
31	1.980553
32	1.154044
33	.436277
34	7.759747
35	4.153733
36	.165335
37	.288605
38	.281110

TRACT NUMBER**UNIT PARTICIPATION PERCENT**

39	.821142
39A	.160596
39B	.032708
40	.264797
40A	.051745
41	1.323544
42	.857037
42A	.353997
43	.535326
44	.054053
44A	.003731
45	.242369
45A	.044356
46	.768106
47	5.783629
48	6.745838
49	.825193
50	1.738529
51	5.893882
52	.453910
<u>53</u>	<u>.964153</u>
 TOTAL	 100.000000
 STATE	 15.484354
 FEDERAL	 55.861953
 <u>FEE</u>	 <u>28.653693</u>
 TOTAL	 100.000000

EXHIBIT "D"

Attached To That Certain Unit Operating Agreement
dated _____ for
The South Justis Unit
Located in Lea County, New Mexico

WORKING INTEREST OWNER SUMMARY

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
American Exploration	18	0.030144
	19	0.023243
	19	<u>0.158743</u>
TOTAL		0.212130
American Production VI	19	0.665363
	19	<u>0.058107</u>
TOTAL		0.723469
Anderson, Steve	50	0.054329
ARCO	2	1.377364
	4	0.813426
	5	0.667640
	6	2.192094
	7	1.829734
	9	0.161044
	11	1.850652
	13	0.548765
	20	1.491918
	21	2.323008
	22	0.837075
	23	2.052803
	24	0.480729
	29	1.432614
	30	1.189086
	31	1.980553
	34	7.759747
	35	4.153733
	36	0.165335
	38	0.231916
	39	0.818737
	40	0.264022
	41	0.599731
	42	0.388345
	43	0.324908
	44	0.032701
	45	0.079527
	46	0.768106
	47	5.783629
	48	6.745838

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
	49	0.415820
	50	0.734085
	51	5.893882
	52	0.028369
	53	0.964153
	39A	0.160126
	39B	0.024531
	40A	0.051745
	42A	0.214853
	44A	0.002228
	45A	<u>0.014554</u>
TOTAL		57.900872
Auvenshine, Cathie Cone	52	0.002128
Bass, Lee M., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Bass, Sid R., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Brown, Donaldson Trust	52	0.001577
Burkhart, J. L.	50	0.034771
Burr, James	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
TOTAL		0.016489
Byrom, W. K.	52	0.014018
Caspen	10	0.513975
	14	0.086740
	52	0.070214
	5	<u>0.154071</u>
TOTAL		0.825000

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Cone, A. L. Partnership	52	0.010639
Cone, Clifford	38	0.007028
	52	<u>0.002128</u>
TOTAL		0.009155
Cone, D. C.	52	0.002128
Cone, J. R.	52	0.010639
Cone, Kathleen	38	0.035139
	52	<u>0.010639</u>
TOTAL		0.045777
Cone, Kenneth	38	0.007028
	52	<u>0.002128</u>
TOTAL		0.009155
Cone, Thomas	52	0.002128
Davidson, James	30	0.294967
	49	0.103149
	50	0.089598
	9	<u>0.039949</u>
TOTAL		0.527663
Deltex Royalty	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
TOTAL		0.106700
El Paso	50	0.061737
Elliott Oil Company	52	0.028369
First Century Oil Company	52	0.003154
Fletcher, Jack	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
TOTAL		0.016489

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
FNB, Ft. Worth, Trustee	41	0.074449
	42	0.048208
	43	0.030112
	44	0.003040
	45	0.013633
	42A	0.019912
	44A	0.000210
	45A	<u>0.002495</u>
TOTAL		0.192061
FNB, Lubbock, Trustee	44A	0.000117
Fuqua, H. B., Trustee	41	0.115810
	42	0.074991
	43	0.046841
	44	0.004730
	45	0.021207
	42A	0.030975
	44A	0.000326
	45A	<u>0.003881</u>
TOTAL		0.298761
Hartman	9	0.113605
	30	0.838813
	49	0.293330
	50	<u>0.254793</u>
TOTAL		1.500541
Headington	9	0.159796
	16	0.319373
	17	0.520391
	50	<u>0.096586</u>
TOTAL		1.096146
Irene Investment	52	0.001752
Keystone Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Linehan, Betty Lou	50	0.054329
Mabee, Joe	50	0.108658
Marathon	18	0.012919
	25	<u>0.359168</u>
		0.372087

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
McPheron, Colleen	52	0.001752
<u>Meridian</u>	3	3.383153
—	8	1.893095
	9	0.798980
	10	2.569259
	14	0.954135
	15	3.337506
	16	1.596484
	17	2.601329
	24	0.473218
	37	0.288605
	39	0.002406
	40	0.000776
	41	0.206804
	42	0.133912
	43	0.001307
	44	0.000238
	45	0.068166
	49	0.006447
	50	0.075456
	52	0.095747
	39A	0.000470
	39B	0.008177
	42A	0.000864
	44A	0.000016
	45A	<u>0.012475</u>
TOTAL		18.509024
Moores Oil Corp.	41	0.057905
	42	0.037495
	43	0.023421
	44	0.002365
	45	0.010604
	42A	0.015487
	44A	0.000163
	45A	<u>0.001941</u>
TOTAL		0.149381
MW Petroleum (Apache)	33	0.436277
	50	<u>0.108658</u>
TOTAL		0.544935
Nermyr, Larry	9	0.002497
	24	0.007511
	30	0.018435
	50	<u>0.005600</u>
TOTAL		0.034044

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
New York Life II-E	19	0.127537
New York Life II-F	19	0.059740
New York Life II-G	19	0.144934
New York Life II-B	19	<u>0.039822</u>
- TOTAL		0.372032
Oryx	41	0.062041
	42	0.040174
	43	0.025093
	44	0.002534
	45	0.011361
	42A	0.016594
	44A	0.000087
	45A	<u>0.002079</u>
TOTAL		0.159963
Pacific Enterprises	25	0.838059
Ratliff, Barbara Lu	50	0.054329
Read, Charles	52	0.001752
Schieffer, Patricia P. Trust	52	0.002278
Taylor, Ann H. (McPheron)	52	0.003504
Texaco	1	0.648309
	12	10.129934
	26	0.921097
	27	1.308680
	28	0.187129
	32	1.154044
	52	0.158869
	28A	<u>0.202856</u>
TOTAL		14.710918
Thru Line Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Way Enterprises — —	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
<i>TOTAL</i>		0.106700
 GRAND TOTAL		 100.000000

EXHIBIT " E "

Witnessed to and made a part of THAT UNIT OPERATING AGREEMENT DATED BY AND BETWEEN
ATLANTIC RICHFIELD COMPANY, AS OPERATOR, AND TEXACO INC., ET AL, AS
NON OPERATORS

ACCOUNTING PROCEDURE JOINT OPERATIONS

I. GENERAL PROVISIONS

1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.
"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.
"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.
"Operator" shall mean the party designated to conduct the Joint Operations.
"Non-Operators" shall mean the Parties to this agreement other than the Operator.
"Parties" shall mean Operator and Non-Operators.
"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.
"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.
"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.
"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.
"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies.

2. Statement and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

3. Advances and Payments by Non-Operators

- A. Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation within fifteen (15) days after receipt of the billing or by the first day of the month for which the advance is required, whichever is later. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.
- B. Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the prime rate in effect at CITIBANK N.A. NEW YORK on the first day of the month in which delinquency occurs plus 1% or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

5. Audits

- A. A Non-Operator upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct a joint audit in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator. The audit shall not be conducted more than once each year without prior approval of Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of those Non-Operators approving such audit.

- B. The Operator shall reply in writing to an audit report within 180 days after receipt of such report.

6. Approval By Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. Ecological and Environmental

Costs incurred for the benefit of the Joint Property as a result of governmental or regulatory requirements to satisfy environmental considerations applicable to the Joint Operations. Such costs may include surveys of an ecological or archaeological nature and pollution control procedures as required by applicable laws and regulations.

2. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

3. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.
- (2) Salaries of First Level Supervisors in the field.
- (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the overhead rates.
- (4) Salaries and wages of Technical Employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property if such charges are excluded from the overhead rates.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II. Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II.

4. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II shall be Operator's actual cost not to exceed the percent most recently recommended by the Council of Petroleum Accountants Societies.

5. Material

Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

6. Transportation

Transportation of commodities and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store where like material is normally available or railway receiving point nearest the Joint Property unless agreed to by the Parties.

- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store where like material is normally available, or railway receiving point nearest the Joint Property unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.

In the application of subparagraphs A and B above, the option to equalize or charge actual trucking cost is available when the actual charge is \$400 or less excluding accessorial charges. The \$400 will be adjusted to the amount most recently recommended by the Council of Petroleum Accountants Societies.

7. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 10 of Section II and Paragraph i, ii, and iii, of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

8. Equipment and Facilities Furnished By Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expense insurance, taxes, depreciation, and interest on gross investment less accumulated depreciation not to exceed TWELVE percent (12%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.
- B. In lieu of charges in paragraph 8A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.

9. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

10. Legal Expense

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgements and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

11. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the Joint Account shall be made and paid by the Parties hereto in accordance with the tax value generated by each party's working interest.

12. Insurance

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

13. Abandonment and Reclamation

Costs incurred for abandonment of the Joint Property, including costs required by governmental or other regulatory authority.

14. Communications

Cost of acquiring, leasing, installing, operating, repairing and maintaining communication systems, including radio and microwave facilities directly serving the Joint Property. In the event communication facilities systems serving the Joint Property are Operator owned, charges to the Joint Account shall be made as provided in Paragraph 8 of this Section II.

15. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

III. OVERHEAD

1. Overhead - Drilling and Producing Operations

- i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:

(X) Fixed Rate Basis, Paragraph 1A, or
 () Percentage Basis, Paragraph 1B

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 3A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

- ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property:

() shall be covered by the overhead rates, or
 (X) shall not be covered by the overhead rates.

- iii. The salaries, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services and contract services of technical personnel either temporarily or permanently assigned to and directly employed in the operation of the Joint Property:

(X) shall be covered by the overhead rates, or
 () shall not be covered by the overhead rates.

A. Overhead - Fixed Rate Basis

- (1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate \$ 5,000.00
 (Prorated for less than a full month)

Producing Well Rate \$ 500.00

- (2) Application of Overhead - Fixed Rate Basis shall be as follows:

(a) Drilling Well Rate

- (1) Charges for drilling wells shall begin on the date the well is spudded and terminate on the date the drilling rig, completion rig, or other units used in completion of the well is released, whichever is later, except that no charge shall be made during suspension of drilling or completion operations for fifteen (15) or more consecutive calendar days.
- (2) Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive work days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig or other units used in workover, commence through date of rig or other unit release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive calendar days.

(b) Producing Well Rates

- (1) An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.
- (2) Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.
- (3) An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.
- (4) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well. This one-well charge shall be made whether or not the well has produced except when drilling well rate applies.
- (5) All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.
- (3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

B. Overhead - Percentage Basis

- (1) Operator shall charge the Joint Account at the following rates:

(a) Development

_____ Percent (_____ %) of the cost of development of the Joint Property exclusive of costs provided under Paragraph 10 of Section II and all salvage credits.

(b) Operating

_____ Percent (_____ %) of the cost of operating the Joint Property exclusive of costs provided under Paragraphs 2 and 10 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

(2) Application of Overhead - Percentage Basis shall be as follows:

For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, redrilling, deepening, or any remedial operations on any or all wells involving the use of drilling rig and crew capable of drilling to the producing interval on the Joint Property; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 2 of this Section III. All other costs shall be considered as operating.

2. Overhead - Major Construction

To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for overhead based on the following rates for any Major Construction project in excess of \$ 50,000.00 :

- A. 5 % of first \$100,000 or total cost if less, plus
- B. 3 % of costs in excess of \$100,000 but less than \$1,000,000, plus
- C. 2 % of costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells and artificial lift equipment shall be excluded.

3. Catastrophe Overhead

To compensate Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill, blowout, explosion, fire, storm, hurricane, or other catastrophes as agreed to by the Parties, which are necessary to restore the Joint Property to the equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate prior to charging the Joint Account or shall charge the Joint Account for overhead based on the following rates:

- A. 5 % of total costs through \$100,000; plus
- B. 3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus
- C. 2 % of total costs in excess of \$1,000,000.

Expenditures subject to the overheads above will not be reduced by insurance recoveries, and no other overhead provisions of this Section III shall apply.

4. Amendment of Rates

The overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all Material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

1. Purchases

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reasons, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following basis exclusive of cash discounts:

A. New Material (Condition A)

(1) Tubular Goods Other than Line Pipe

- (a) Tubular goods, sized 2 1/2 inches OD and larger, except line pipe, shall be priced at Eastern mill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered, the 70,000 pound or 90,000 pound rail rate may be used. Freight charges for tubing will be calculated from Lorain, Ohio and casing from Youngstown, Ohio.
- (b) For grades which are special to one mill only, prices shall be computed at the mill base of that mill plus transportation cost from that mill to the railway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30,000 pound Oil Field Haulers Association interstate truck rate shall be used.
- (c) Special end finish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, using Oil Field Haulers Association interstate 30,000 pound truck rate, to the railway receiving point nearest the Joint Property.
- (d) Macaroni tubing (size less than 2 1/2 inch OD) shall be priced at the lowest published out-of-stock prices f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate per weight of tubing transferred, to the railway receiving point nearest the Joint Property.

(2) Line Pipe

- (a) Line pipe movements (except size 24 inch OD and larger with walls 3/4 inch and over) 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (b) Line pipe movements (except size 24 inch OD and larger with walls 3/4 inch and over) less than 30,000 pounds shall be priced at Eastern mill published carload base prices effective as of date of shipment, plus 20 percent, plus transportation costs based on freight rates as set forth under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (c) Line pipe 24 inch OD and over and 3/4 inch wall and larger shall be priced f.o.b. the point of manufacture at current new published prices plus transportation cost to the railway receiving point nearest the Joint Property.
 - (d) Line pipe, including fabricated line pipe, drive pipe and conduit not listed on published price lists shall be priced at quoted prices plus freight to the railway receiving point nearest the Joint Property or at prices agreed to by the Parties.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property.
 - (4) Unused new Material, except tubular goods, moved from the Joint Property shall be priced at the current new price, in effect on date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property. Unused new tubulars will be priced as provided above in Paragraph 2 A (1) and (2).

B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

(1) Material moved to the Joint Property

At seventy-five percent (75%) of current new price, as determined by Paragraph A.

(2) Material used on and moved from the Joint Property

- (a) At seventy-five percent (75%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as new Material or
- (b) At sixty-five percent (65%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as used Material.

(3) Material not used on and moved from the Joint Property

At seventy-five percent (75%) of current new price as determined by Paragraph A.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

C. Other Used Material

(1) Condition C

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph A. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

(2) Condition D

Material, excluding junk, no longer suitable for its original purpose, but usable for some other purpose shall be priced on a basis commensurate with its use. Operator may dispose of Condition D Material under procedure normally used by Operator without prior approval of Non-Operators.

- (a) Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe of comparable size and weight. Used casing, tubing or drill pipe utilized as line pipe shall be priced at used line pipe prices.
- (b) Casing, tubing or drill pipe used as higher pressure service lines than standard line pipe, e.g. power oil line shall be priced under normal pricing procedures for casing, tubing, or drill pipe. Upset tubular goods shall be priced on a non upset basis.

(3) Condition E

Junk shall be priced at prevailing prices. Operator may dispose of Condition E Material under procedures normally utilized by Operator without prior approval of Non-Operators.

D. Obsolete Material

Material which is serviceable and usable for its original function but condition and/or value of such Material is not equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

E. Pricing Conditions

- (1) Loading or unloading costs may be charged to the Joint Account at the rate of twenty-five cents (25¢) per hundred weight on all tubular goods movements, in lieu of actual loading or unloading costs sustained at the stocking point. The above rate shall be adjusted as of the first day of April each year following January 1, 1985 by the same percentage increase or decrease used to adjust overhead rates in Section III, Paragraph 1.A(3). Each year, the rate calculated shall be rounded to the nearest cent and shall be the rate in effect until the first day of April next year. Such rate shall be published each year by the Council of Petroleum Accountants Societies.
- (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

3. Premium Prices

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

4. Warranty of Material Furnished By Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

V. INVENTORIES

The Operator shall maintain detailed records of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

2. Reconciliation and Adjustment of Inventories

Adjustments to the Joint Account resulting from the reconciliation of a physical inventory shall be made within six months following the taking of the inventory. Inventory adjustments shall be made by Operator to the Joint Account for overages and shortages, but, Operator shall be held accountable only for shortages due to lack of reasonable diligence.

3. Special Inventories

Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory. In cases involving a change of Operator, all Parties shall be governed by such inventory.

1. Expense of Conducting Inventories

- A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the Parties.
- B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except inventories required due to change of Operator shall be charged to the Joint Account.

EXHIBIT "F"

Attached To and Made a Part of
The Unit Operating Agreement for
South Justis Unit.
Lea County, New Mexico

ADDITIONAL INSURANCE PROVISIONS

1. **OPERATOR** shall, at all times while conducting operations hereunder, comply with all Workers' Compensation and Occupational Disease Laws including the United States Longshoremen's and Harbor Workers' Compensation Act; provided, however, that **OPERATOR** may be a self-insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall be **OPERATOR'S** actual cost but not exceeding an amount equivalent to the premium which would have been paid had such insurance been obtained.
2. No other insurance shall be carried by **OPERATOR** for the joint account unless agreed to by all the parties hereto.
3. **OPERATOR** shall require all contractors and subcontractors to carry such insurance in such amounts as **OPERATOR** deems adequate.
4. Each co-owner may procure such insurance with respect to the jointly owned properties and operations as it deems necessary to protect itself against claims and damages and all insurance policies shall be endorsed to provide that underwriters and insurance carriers of co-owner shall not have any right of subrogation against **OPERATOR** and other co-owners.

EXHIBIT "G"

Attached To and Made a Part of
The Unit Operating Agreement for
South Justis Unit,
Lea County, New Mexico

EQUAL EMPLOYMENT OPPORTUNITY PROVISION

During the performance of this contract, the Operator (meaning and referring separately to each party hereto) agrees as follows:

- (1) The Operator will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The Operator will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Operator agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The Operator will in all solicitations or advertisements for employees placed by or on behalf of the Operator, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
- (3) The Operator will send to each labor union or representative of workers with which Operator has a collective bargaining agreement or other contract or understanding, a notice to be provided, advising the said labor union or workers' representatives of the Operator's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Operator will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Operator will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to Operator's books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Operator's non-compliance with the non-discrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the Operator may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions in Executive Order 11246 of September 24, 1965, or by rules, regulations, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The Operator will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the

Secretary of labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Operator will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions including sanctions for non-compliance: provided, however, that in the event the Operator becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Operator may request the United States to enter into such litigation to protect the interests of the United States.

Operator acknowledges that Operator may be required to file Standard Form 100 (EEO-1) promulgated jointly by the Office of Federal Contract Compliance, the Equal Employment Opportunity Commission and Plans for Progress with the appropriate agency within 30 days of the date of contract award if such report has not been filed for the current year and otherwise comply with or file such other compliance reports as may be required under Executive Order 11246, as amended and Rules and Regulations adopted thereunder.

Operator further acknowledges that Operator may be required to develop a written affirmative action compliance program as required by the Rules and Regulations approved by the Secretary of labor under authority of Executive Order 11246 and supply each other party hereto with a copy of such program if so requested.

Certification of Nonsegregated Facilities

By entering into this contract, the Operator certifies that Operator does not and will not maintain or provide for Operator's employees any segregated facilities at any of Operator's establishments, and that Operator does not and will not permit Operator's employees to perform their services at any location, under Operator's control, where segregated facilities are maintained. The Operator agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term "segregated facilities" means, but is not limited to, any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom or otherwise. Operator further agrees that (except where Operator has obtained identical certifications from proposed contractors and subcontractors for specific time periods) Operator will obtain identical certifications from proposed contractors and subcontractors prior to the award of contracts or subcontracts exceeding \$10,000.00 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each contract and subcontract or for all contracts and subcontracts during a period (i.e., quarterly, semiannually, or annually).

GAS BALANCING AGREEMENT

Unit

Attached to and made a part of that certain Operating Agreement, dated _____, between
Atlantic Richfield Company _____, as Operator,
 and **Texaco, Inc.** _____, et al. as Non-Operator.

I. Definitions

- A. "Gas" includes natural gas produced from a Well that produces Gas Well Gas, including all constituent parts of such natural gas, except liquid hydrocarbons and condensate recovered by primary separation equipment.
- B. "Gas Well Gas" is gas produced from a Well classified as a gas well by the regulatory body having jurisdiction.
- C. "Balanced" is that condition which occurs when a party hereto has taken the same percentage of the cumulative volume of Gas production it is entitled to take pursuant to the terms of the Operating Agreement.
- D. "Overproduced" is the status of a party when the percentage of the cumulative volume of Gas taken by that party exceeds that party's percentage interest of the volume of cumulative Gas production of all parties to the Operating Agreement under and pursuant to the terms of said Operating Agreement.
- E. "Underproduced" is the status of a party when the percentage of cumulative volume of Gas taken by that party is less than that party's percentage interest of the volume of cumulative Gas production of all parties to the Operating Agreement under and pursuant to the terms of said Operating Agreement.
- F. "Well" is defined as each well subject to the Operating Agreement that produces Gas Well Gas. If a single Well is completed in two or more reservoirs, such Well shall be considered a separate Well with respect to, but only with respect to, each reservoir from which the Gas produced is not commingled in the wellbore.

II. Application of this Agreement

The parties to the Operating Agreement to which this Gas Balancing Agreement is attached own the working or operating interests in the Gas underlying the Contract Area covered by such Agreement and are entitled to share in the percentages therein as stated in the Operating Agreement.

In accordance with the terms of the Operating Agreement, each party shall take its share of Gas produced from the Contract Area and market or otherwise dispose of same. In the event a party hereto does not take in kind or market its share of Gas or has contracted to sell its share of Gas produced from the Contract Area to a purchaser which, at any time while this Agreement is in effect, fails to take the share of Gas attributable to the interest of such party, the terms of this Gas Balancing Agreement shall automatically become effective.

The Operator has the duty to control Gas production and the responsibility of administering the provisions of this Gas Balancing Agreement. The Operator shall cause deliveries to be made to the Gas purchasers at such rates as may be required to give effect to the intent that the Gas production accounts of all parties are, to the extent practicable, to be or become Balanced.

The provisions of this Agreement shall be applied to each Well separately as if each Well was covered by separate but identical agreements.

III. Storing and Making Up Gas Production**A. Right to Take and Market Gas**

During any period or periods when any party hereto does not take, has no market for, or the market of a party is not sufficient to take that party's full share of the Gas produced from any Well located on the Contract Area, or such party's purchaser otherwise fails to take such party's share of Gas produced from any such Well located on the Contract Area, resulting in such party becoming Underproduced (such party being herein referred to as an "Underproduced party") the other party or parties shall be entitled, but not required, to produce from said Well on the Contract Area (and take or deliver to their respective purchaser(s) each month, all or a part of that portion of the allowable Gas production assigned to such Well by the regulatory body having jurisdiction. Any party so taking or delivering Gas which results in such party becoming Overproduced is herein referred to as an "Overproduced party". Irrespective of the other provisions hereof, no Overproduced party may, without the express written approval of the Underproduced party, take or market Gas in quantities in excess of 150% of such Overproduced party's share of the Gas allowable assigned by the regulatory body having jurisdiction over such Well or 150% of such party's share of the then current deliverability of the Well including associated pipeline pressure, whichever is the lesser quantity of Gas.

Those parties which are capable of taking and/or marketing quantities of Gas allocable to an Underproduced party, in the absence of any other agreement between them, shall each take a share of the Gas attributed to the Underproduced party or parties in the direct proportion that their respective interests bear to the total interest of all parties taking Gas who are also considered Overproduced.

All parties hereto shall share in and own the liquid hydrocarbons recovered from such Gas by primary separation equipment in accordance with their respective interests and subject to the terms of the above described Operating Agreement, whether or not such parties are actually taking and/or marketing Gas at such time.

B. Making Up Underproduction

Each party failing to market its share of the total volume of Gas produced or failing to take its full share of the total volume of Gas produced shall be considered Underproduced and shall be credited with Gas in storage equal to its percentage share of the total volume of Gas produced under this Agreement, less that portion of the Gas actually marketed or taken by such party, Gas used in operations, vented, or lost.

Any Underproduced party shall endeavor to bring its taking of Gas into a Balanced condition. Upon written notice to the Operator, any Underproduced party may thereafter begin taking or delivering to its purchaser its full share of the Gas produced from a Well (less any used in operations, vented, or lost). To allow for the recovery of Gas in storage and to balance the Gas account of the parties in accordance with their respective interests, an Underproduced party shall be entitled to take or deliver to a purchaser its full share of Gas produced from such Well (less any used in operations, vented, or lost) plus, (i) for the months of March, April, May, June, July, August, September and October only of any calendar year during which this agreement may be in place, an amount up to an additional fifty percent (50%) of the monthly quantity of Gas attributable to the Overproduced party or parties, or (ii) for the months of November, December, January and February only of any calendar year or years during which this agreement may be in place, an amount up to an additional twenty-five percent (25%) of the monthly quantity of Gas attributable to the Overproduced party or parties. If more than one Underproduced party is entitled to take additional Gas, they shall divide the additional Gas in proportion to their respective Underproduced accounts. The first Gas made up shall be assumed to be the first Gas Underproduced.

C. Gas Balance Reporting

Each party taking Gas shall furnish or cause to be furnished to the Operator a monthly written statement of Gas volumes taken and the identity of its Gas purchaser, if any, no later than thirty (30) days after the production month. Operator shall not be required to adjust its Gas accounting statements reflecting a different Gas purchaser until the first day of the month following the month in which such notice is received by the Operator. The Operator will maintain appropriate accounting on a monthly and cumulative basis of the quantities of Gas each party is entitled to take and/or market and the quantities of Gas taken and/or marketed by each of the parties to their respective Gas purchasers. With respect to Gas purchased from or transported for more than one party by or through one pipeline connected to the Well, each party selling to or transporting through such one pipeline shall furnish to Operator or cause the pipeline owner to furnish to Operator monthly volume statements showing the split of ownership through such pipeline's sales or pipeline inlet meter during the preceding calendar month. Within ninety (90) days after the end of each producing calendar month, the Operator shall furnish each party a statement showing the status of the Overproduced and Underproduced accounts of all parties.

To determine respective volumes of Gas taken by separate Gas pipelines connected to the Well, measurement of Gas for overproduction and underproduction shall be accomplished by use of sales meters and lease measurement equipment which shall be in accordance with AGA requirements.

Each party to this agreement agrees that it will not utilize any information obtained hereunder for any purpose other than implementing or administering the terms of this Gas Balancing Agreement.

D. Royalty and Production Tax

At all times while Gas is produced from the Contract Area, unless otherwise required by any State or Federal law or regulations, each party shall pay or cause to be paid all royalty due and payable on its share of Gas production as if each party were taking or delivering to a Gas purchaser its share of Gas production. Each party agrees to hold each other party harmless from any and all claims for royalty payments asserted by its royalty owners. The term "royalty owner" shall include owners of royalty, overriding royalties, production payments, and similar interests payable out of production.

Each party producing and taking or delivering Gas to its Gas purchaser shall pay, or cause to be paid, all production and severance taxes due on all volumes of Gas actually taken or sold by such party.

IV. Cash Settlement

A. Volume/Value

If at the permanent termination of production of Gas from a Well located on the Contract Area, or change in ownership as described in Paragraph IV D. below, an imbalance exists between the parties, a cash settlement of the imbalance between the parties relative to such Well shall be made. The amount of the cash settlement will be limited to the proceeds actually received by the Overproduced party or parties at the time of overproduction, less transportation and applicable treating charges and production and severance taxes paid on such overproduction. Royalty shall only be deducted from such proceeds attributable to the overproduction if actually paid to royalty owners by the Overproduced party or parties. No interest shall be added to any cash settlement hereunder. If there is more than one Overproduced party, the cash settlement shall be based on a weighted average of the proceeds actually received as above described by all Overproduced parties. If the Overproduced party or parties did not sell its Gas, such Gas will be valued in the same manner used for royalty calculation purposes when produced. That portion of the monies collected by the Overproduced party or parties which is subject to refund by orders of the Federal Energy Regulatory Commission ("FERC") may be withheld by the Overproduced party or parties until such prices are fully approved by FERC, unless the Underproduced party or parties furnish a corporate undertaking acceptable to the Overproduced party or parties agreeing to hold the Overproduced party or parties harmless from financial loss due to refund orders by FERC.

B. Collection and Distribution

Operator shall provide within thirty (30) days of permanent termination of Gas production a final accounting of the Gas balance to all parties hereto. Overproduced parties, within thirty (30) days of receipt of the final accounting of the Gas balance, shall provide Operator with a monthly statement of revenue and volume for each month during which overproduction occurred that has not been made-up. Within thirty (30) days after the receipt of such monthly statements from Overproduced parties, Operator shall calculate and invoice each Overproduced party for its share of the cash settlement, based on said revenue and volume statements, due each Underproduced party. Overproduced parties shall make settlement, based on the invoiced amount, to the Operator within thirty (30) days after receipt of said invoice. Such payment shall relieve an Overproduced party of liability to any other party for the sums paid. Operator shall promptly distribute the funds it receives to the Underproduced parties in that proportion that each Underproduced party's volume of Gas in storage bears to the total of all Underproduced parties volumes of Gas in storage. Operator agrees that it will not utilize any information obtained pursuant to this Section IV of this Gas Balancing Agreement for any purpose other than implementing or administering the terms of this Gas Balancing Agreement.

C. Responsibility and Liability for Collection

Operator shall not be liable to any Underproduced party for the failure of any Overproduced party to pay any amounts owed pursuant to the terms hereof. In the event that any party fails to pay any sum due under the terms hereof after demand therefor by the Operator, the Operator may turn responsibility for the collection of such sum to the party or parties to whom it is owed, and Operator shall have no further responsibility in the event that such sums are not paid. Any party shall have the right after expiration of thirty (30) days after Operator shall have provided a final accounting of the Gas balance to all parties hereto to demand on thirty (30) days advance written notice to both Operator and all Overproduced parties that any payments due to such party for such party's Underproduced volumes shall be paid directly to such party by the Overproduced party(s), rather than being paid through Operator. In the event that any Overproduced party pays to Operator any sums due to an Underproduced party at any time after thirty (30) days following the receipt of such written notification of a demand that such Underproduced party receive such payment directly, the Overproduced party(s) shall continue to be liable to such Underproduced party for any sums so paid, until such payment is actually received by such Underproduced party. In no event shall Operator be liable or responsible for any amount of cash settlement based on a value asserted by an Underproduced party different than the value calculated based on the revenue and volume statements provided by the Overproduced party or parties.

D. Ownership Changes

In the event an Overproduced party intends to sell, assign, exchange or otherwise transfer any of its interest in a Well located on the Contract Area, such Overproduced party shall notify in writing the other working interest owners who are parties hereto in such Well of such fact within forty-five (45) days prior to closing the transaction. Any Underproduced party may demand of such Overproduced party in writing, within twenty (20) days after receipt of the Overproduced party's notice of intent to sell, assign, exchange or otherwise transfer its interest in a Well, a cash settlement of its underproduction attributed to such Overproduced party's overproduction in the Well. Any Underproduced party electing to cash settle with the Overproduced party shall thereby indemnify and hold the Overproduced party harmless against any causes of action, claims, losses or other actions which may be claimed by any third party, including, but not limited to, any purchaser of the Gas of the Underproduced party, as a result of the cash settlement. The Operator shall be notified of any such demand and of any cash settlement pursuant to this Paragraph IV.D., and the Gas balance accounts of the parties shall be adjusted accordingly. Any cash settlement pursuant to this paragraph IV.D. shall be on the same basis as otherwise set forth in paragraphs IV.A. through IV.C. hereof.

The provision of this Paragraph IV.D. shall not be applicable in the event an Overproduced party has mortgaged its interests, or disposed of its interests by merger, reorganization, consolidation, or sale of substantially all of its assets to a subsidiary or parent company, or to any company in which any parent or subsidiary owns a majority of the stock of such company.

V. Miscellaneous

A. Term

This Agreement shall remain in force and effect as long as the Operating Agreement to which it is attached remains in force and effect, and thereafter until the Gas balance accounts between the parties are settled in full, and shall inure to the benefit of and be binding upon the parties hereto, their heirs, successors, legal representatives and assigns.

B. Expenses

Nothing herein shall change or affect each party's obligations to pay its proportionate share of all costs and liabilities incurred in operations on the Contract Area as its share thereof is set forth in the Operating Agreement to which this Agreement is attached.

C. Well Tests

Nothing herein shall be construed to deny any party the right, from time to time, to produce and take or deliver to its Gas purchaser up to 100% of the entire Well stream to meet the deliverability test required by its Gas purchaser, provided that such tests are reasonable in light of overall industry standards.

D. Monitoring of Takes of Production

Each party shall, at all times, use its best efforts to regulate its takes and deliveries from each Well on said Contract Area so that no Well will be shut-in for overproducing the allowable assigned thereto by the regulatory body having jurisdiction. Additionally, each party shall communicate, as necessary, the contents of this agreement to its respective Gas purchaser(s) or transporter(s) and shall monitor its deliveries to its respective Gas purchaser(s) or transporter(s) so as to ensure to the greatest extent practicable that its Gas purchaser(s) or transporter(s) does not take Gas in excess of the quantities provided for herein.

EXHIBIT "7"



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P.O. Box 1397

Roswell, New Mexico 88202-1397

IN REPLY
REFER TO:

South Justis Unit
3180 (065)

Arco Oil and Gas Company
Attention: Mr. V. Ray Pyle, CPL
P. O. Box 1610
Midland, Texas 79702

Gentlemen:

Your application of February 4, 1992, filed with the BLM requests the designation of the South Justis Unit area, embracing 5360.00 acres, more or less, Lea County, New Mexico, as logically subject to secondary operations under the unitization provisions of the Mineral Leasing Act as amended.

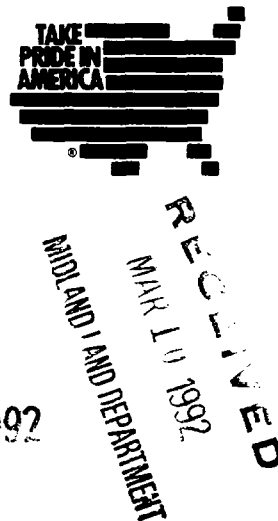
Pursuant to unit plan regulations 43 CFR 3180, the land requested as outlined on your plat marked Arco Oil and Gas Company, South Justis Unit, Lea County, New Mexico, is hereby designated as a logical unit area for the purpose of conducting secondary recovery operations.

Waterflooding will be limited to the following interval: That interval underlying the Unit Area, the vertical limits of which extended from an upper limit which is the top of the Justis Blinbry Field to a lower limit at the top of the Abo formation, as seen on the Type Log from the Amerada Hess Ida Wimberly #4 located at 660' FSL & 990' FWL, sec. 24, T. 25 S., R. 37 E., and is that interval which is correlative to the interval from 4980' to 6180' below the surface measured from the Kelly bushing. The Blinbry marker has been defined by the New Mexico Oil Conservation Commissioner (NMOCC) at a depth of 4980 ft. (elevation 3081' sub-sea datum 1899) in Amerada's Ida Wimberly #4, located SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24, T. 25 S., R. 37 E., Lea County, New Mexico. This designation is valid for a period of one year from the date of this letter.

Your basis for allocation of unitized substances and your proposed use of the Form of Agreement are acceptable. Corrections requested by the Bureau of Land Management are shown in red on Exhibit A and on pages 1, 3, 4, 8, 9, 10, 11, and 34 of Exhibit B.

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office for preliminary approval.

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
ARCO	EXHIBIT NO. 7
CASE NO. 10552, 10553, 10554	



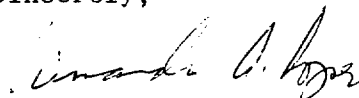
MAR 09 1992

In the absence of any type of land requiring special provisions or any objections not now apparent, a duly executed agreement identical with said form, modified as outlined above, will be approved if submitted in approvable status within a reasonable period of time. However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which in our opinion, does not have the full commitment of sufficient lands to afford effective control of operations in the unit area.

When the executed agreement is transmitted to the BLM for approval, include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the reprint of the aforementioned form.

Inasmuch as this unit agreement involves State and Fee land, we are sending a copy of the letter to the Commissioner of Public Lands and the NMOCD. Please contact the State of New Mexico before soliciting joinders regardless of prior contacts or clearances from the state.

Sincerely,

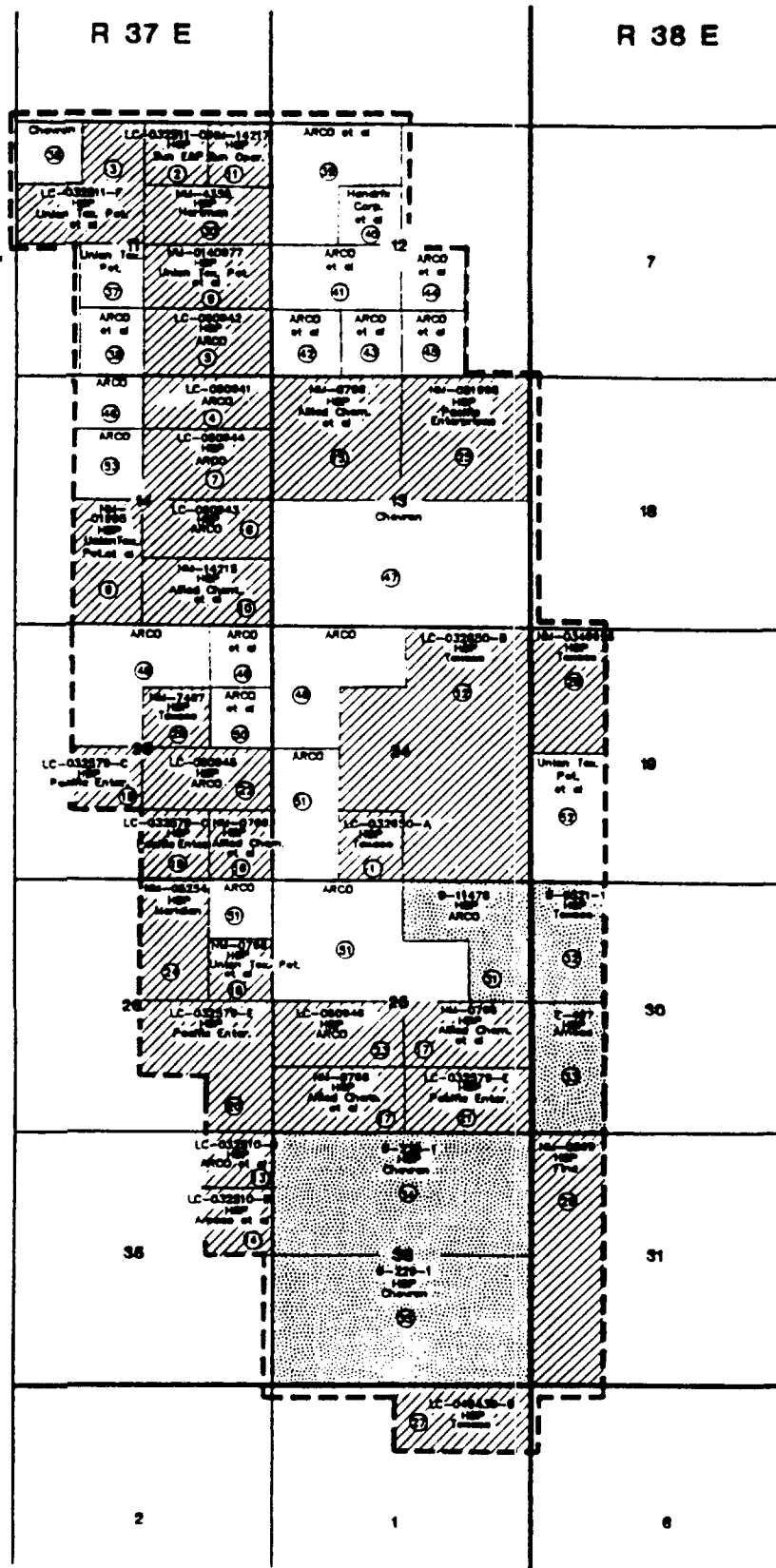
A handwritten signature in dark ink, appearing to read "Armando A. Lopez", written in a cursive style.

Armando A. Lopez
Assistant District Manager,
Minerals

Enclosures

T
25
S

T
26
S

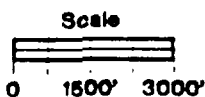


Please change the names shown for Tracts 1, 10, 12, 14, 15, 16, 17, 27, 28, 28A, to correspond to the changes made on Exhibit B.

Exhibit A To Unit Agreement

ARCO Oil & Gas Co.
South Justis Unit
Lea County, New Mexico
Scale: 1"=3000'
By: J. Gotcher
Date: 6-91
Dept: Exploration
Drawn By: RGJ
Date: 6-91
Dwg. No. SJU37G

Legend
--- Unit Boundary
③ Tract Number



Patented
Federal
State

	Acreage	Percentage
Patented	1,840.0	30.60
Federal	2,800.0	52.24
State	920.0	17.16
Total	5,360.0	100.00

Changes shown in red on pages 1, 3, 4, 8, 9, 10, 11, & 34.

EXHIBIT "B"

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

FEDERAL LANDS

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Lessees of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
1	SE/4 SW/4 Section 24, T-25-S, R-37-E, Lea County, New Mexico	40	LC-032550-A 7/20/35 HBP	United States - Bureau of Land Management Schedule "B"	Teneco Producing Inc. Exploration & Production Inc. 100.0000%		Teneco 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 Exp. & Prod. Co. 58.33400% Lowell S. Dunn, Sr. 41.66600%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth 1.562500%	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. 83.33300% Sun Exp. & Prod. Co. 16.66700%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth 1.562500%	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 50.00000% Union Texas Pet. Corp. 31.25000% Texas Pacific Oil Co. 18.75000%	The Auvard Company 0.390625% Marion B. Johnson, General Partner of the Marion B. Johnson Partnership 0.390625% Anarco Production Co. 4.687500% Alice N. Robertson 0.390625% William E. Thomas II 0.195300% William E. Thomas II 0.195300%	ARCO Casper Oil, Inc. 81.250000% 18.750000%	

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Serial No. & Tr. Date	Bust Royalty Owner Percentage	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
6	N/2 SE/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	LC-060943 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	ARCO 100.0000%		ARCO 100%	
7	S/2 NE/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	LC-060944 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	ARCO 100.0000%		ARCO 100%	
8	E/2 SW/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	NM01995 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	Union Texas Pet. Corp. 83.3333% Sun Expl. & Prod. Co. 16.6667%	J. Steve Anderson III Thomas W. Anderson Cora L. Austin Betty Lou Linehan Barbara Jean Ratliff Alfred B. Kaines, Jr. 0.227860% 0.227860% 0.227870% 0.683590% 0.683590% 1.562500%	Mendon OH Production, Inc. 100%	
9	N/2 SE/4 Section 11, 1-25-S, R-37-E, Lea County, New Mexico	80	NM 0140977 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	Union Texas Pet. Corp. 62.50000% Doyle Hartman 25.00000% Headington Minerals Inc 12.50000%	J. Steve Anderson III Thomas W. Anderson Cora L. Austin Betty Lou Linehan Barbara Jean Ratliff Alice N. Robertson William E. Thomas II The Award Company Miriam B. Johnson Partnership 0.683590% 0.683590% 0.683600% 1.025390% 0.390630% 0.390630% 0.390620% 0.390620%	ARCO Headington Minerals, Inc Doyle Hartman & wife, Margaret M. Hartman James A. Davidson, single Larry A. Henry, single James E. Burr & wife, Lo Vela F. Burr Joel Fletcher & wife, Delpha Fletcher Ruth Sutton, single 75.000000% 12.500000% 8.886719% 3.125000% 0.195113% 0.097656% 0.097656% 0.097656%	

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Tract in Unit
10	5/2 SE/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	NM-14215 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	United States - Bureau of Land Management Sliding Scale	Alind Cement Co., Sun Expl. & Prod. Co. 16.66667% \$ 911,667 Signed & W.C.	J. Steve Anderson III 0.455730% Thomas W. Anderson 0.455730% Carlo L. Austin 0.455730% Betty Lou Linehon 1.367190% Barbara Jean Rollin 1.367190% Alice N. Roberlson 0.390630% William E. Thomas II 0.390630% The Avond Company 0.390620% Miriam B. Johnson Partnership 0.390620%	Meridian Oil Production, Inc. 83.33% Casper Oil, Inc. 16.67%	
11	N/4 NE/4 Section 11, 1-25-S, R-37-E, Lea County, New Mexico	40	NM-14217 11/1/35 HBP	United States - Bureau of Land Management Sliding Scale	United States - Bureau of Land Management Sliding Scale	Sun Operating Limited Partnership Union Texas Pet. Corp. 41.66667%	Ernest E. Richey, Trustee Interfirst Bank of Ft. Worth 1.562500%	ARCO	100%
12	E/2, SE/4 NW/4, NE/4 SW/4 Section 24, 1-25-S, R-37-E, Lea County, New Mexico	400	LC-032650 B 4/24/36 HBP	United States - Bureau of Land Management Sliding Scale	United States - Bureau of Land Management Sliding Scale	Lexco Producing Inc. 100.0000% EXPLORATION & PRODUCTION, INC.		Lexco	100%
13	NE/4 NE/4 Section 35, 1-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 3 and feet and 6.075 feet	40	LC-032510-B 7/29/37 HBP	United States - Bureau of Land Management Sliding Scale	United States - Bureau of Land Management Sliding Scale	ARCO Amoco Production Co. 50.00000%		ARCO	100.00%

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

EXHIBIT "B"

It. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner		Lessee of Record		Overriding Royalty Owner		Working Interest Owner		Participation of Tract in Unit
				Percentage	Owner	Percentage	Owner	Percentage	Owner	Percentage	Owner	
14	SE 1/4 NE 1/4 Section 35, 1-25-S, R-37-E, Lea County, New Mexico	40	10-032510-B 7/29/37 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Petroleum Allied Chemical Sun Operating Ltd. Partnership	50.00000% 41.66670% 8.33330%	Amoco Production Co. Singular Inc.		Meridian Oil Production, Inc. Cospen Oil, Inc.	91.666670% 8.333000%	
15	NW 1/4 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	NW-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Singular Inc. Allied Chemical- Sun Operating limited Partnership	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Jock Linehan & Betty Lou Linehan Barbara Jean Rollif	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc.	100%	
16	SE 1/4 SE 1/4, Section 23 SE 1/4 NE 1/4, Section 26, 1-25-S, R-37-E, Lea County, New Mexico	80	NW-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Singular Inc. Allied Chemical- Sun Expl. & Prod. Co	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Jock Linehan & Betty Lou Linehan Barbara Jean Rollif	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%	
17	S 1/2 SW 1/4, N 1/2 SE 1/4 Section 25 - 25-S, R-37-E, Lea County, New Mexico	160	NW-0766 11/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Singular Inc. Allied Chemical- Sun Expl. & Prod. Co	83.33333% 16.66667%	J. Steve Anderson II Thomas W. Anderson Carlo L. Austin Jock Linehan & Betty Lou Linehan Barbara Jean Rollif	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%	

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH ASSETS 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	Participation of Tract in Unit
18	NE 1/4 Section 23, 1-25-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 100.0000%		American Exploration Co. Company 70.00% TXU Production Corp. 30.00%	
19	SW 1/4 SE 1/4 Section 23, 1-25-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 100.0000%		American Production Partnership VI Ltd. 34.179405% American Exploration Company 27.832228% TXO Production Corp. 10.500000% American Exploration Acquisition VI Corp. 8.077030% American Production Partnership VII Ltd. 8.330569% New York Life Oil & Gas Production Partnership II-C 4.316769% New York Life Oil & Gas Production Partnership II-E 3.798611% New York Life Oil & Gas Production Partnership II-F 1.779320% New York Life Oil & Gas Production Partnership III-B 1.185068%	

EXHIBIT "B"

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

Tract 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	Participation of Tract in Unit
20	NW 1/4 SE 1/4, E 1/2 SE 1/4 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 Siding Scale	Pacific Enterprises Oil Company 100.0000%		Bruno & Marshall Longhorn Partners Cecil Hunt Jim Gray William R. Fair Kent Burkhardt Beverly Bryant Frank Lee Bruno Kory Finkebeiner Joy Morris Ann Karr	54.000000% 26.367500% 8.787500% 2.000000% 2.000000% 1.850000% 1.000000% 1.000000% 1.000000% 1.000000% 1.000000%
21	S 1/2 SE 1/4 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 Siding Scale	Pacific Enterprises Oil Company 100.0000%		Bruno & Marshall Longhorn Partners Cecil Hunt Jim Gray William R. Fair Kent Burkhardt Beverly Bryant Frank Lee Bruno Kory Finkebeiner Joy Morris Ann Karr	54.000000% 26.367500% 8.787500% 2.000000% 2.000000% 1.850000% 1.000000% 1.000000% 1.000000% 1.000000%
22	N 1/2 SE 1/4 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 Siding Scale	ARCO 100.0000%	IXO Production Corporation Diane Rene Slonec Board of Trustees of the Telford Stanford Junior University	ARCO	100%

EXHIBIT "B"

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

						Participation of Tract in Unit								
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							
						Safetha Isaacson	0.113600%							
						Reuel A. Young	0.113599%							
						Moncy Chandler	0.113601%							
						Cathie F. Simonty	0.113600%							
						Pacific Enterprises Oil Co	2.766260%							
						Pacific Enterprises Oil Co.	0.085540%							
						J Ruel Armstrong	0.340800%							
						L. E. Armstrong, Jr.	0.340800%							
						Joan Bowen Harmer	0.500000%							
						Joan Bowen Harmer	0.250000%							
						Pauson Oil Company	0.335000%							
						Pauson Oil Company	0.165000%							
						Anno May Rasmussen	0.500000%							
						Anno May Rasmussen	0.250000%							
						Marathon Oil Company	1.185540%							
						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 Siding Scale	ARCO	100.0000%	ARCO	100%
						24	W/2 NW/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 Siding Scale	Meridian Oil Production Inc	100.0000%	ARCO	50.000000%
25	N/4 Section 13, T-25-S, R-37-E, Lea County, New Mexico	160	NM-051998 12/8/37 HBP	United States - Bureau of Land Management Siding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Company	100%						

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

EXHIBIT "B"

Li. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage	Participation of Incent in Unit
26	SW/4 NE/4 Section 23, 1-25-S, R-37-E, Lea County, New Mexico	40	NM-7487 2/1/88 (renewal)	United States - Bureau of Land Management 12.500000%	Texaco USA	100.0000%	Martin Johns Densmore 2.500000% Nancy Johns Dent 2.500000% George B. Bottoms 2.500000%	Texaco 100%	
27	N/2 NE/4 Section 1, 1-26-S, R-37-E, Lea County, New Mexico	80	LC-049439-B 10/3/38 HBP	United States - Bureau of Land Management Shading Scale	Texaco Producing Inc. 100.0000% Extraction Inc. Production Inc.	Ronald K. Deford 0.625000% George D. & Edith C. Riggs 0.625000% Living Trust 0.625000% Wills Royalty Inc 0.625000%	Texaco 100%		
28	W/2 NW/4 Section 19, 1-25-S, R-38-E, Lea County, New Mexico insofar as the Blinby formation only	80	NM-0349956 6/1/47 HBP	United States - Bureau of Land Management 12.500000%	Texaco Producing Inc. 100.0000% Extraction Inc. Production Inc.	John M. Lottford, Jr. 0.125000% T. A. Pedley, Jr. 0.0156302% c/o Thomas J. Hayes 0.0156302% Ellie E. Valentine c/o United California Bank 0.007810% First Interstate Bank of Denver NA Account No. 120003306 0.214840% James N. Coll 0.0146502% Charles H. Coll 0.0146502% Max W. Coll II 0.0146402% Jon F. Coll 0.0146502% RepublicBank Leases NA Trustee W/4/11 Seino 0.2685302% Andrews, Trust 0.2685302% Lenny R. Lupton, Jr. c/o Lupton Enterprises Inc 0.007810% Julie Ann Lupton c/o World Savings & Loan 0.0078102% Brookshaw Babbington 0.0125002% Brookshaw Babbington 0.0031702%	Texaco 100%		

EXHIBIT "B"

10 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	Participation of Tract in Unit
						Charles L. Tipton, Jr.		
						c/o Bank of America,	0.015630%	
						Attygo Grande Branch		
						Lawrence L. Pedley	0.005210%	
						John C. Pedley	0.005210%	
						David M. Pedley	0.005210%	
						Martha L. Schneider	0.015630%	
						Broiler Institute of America		
						c/o Republic National Bank		
						Dallas, Agency #631-00	0.231470%	
						Patricia Penrose Schaeffer		
						Successor Trustee U/W/O		
						Merville G. Penrose		
						c/o J. Thomas Schaeffer	0.125000%	
						Larry O. Ross	0.125000%	
						John M. Luffland, Jr.	0.125000%	
						I. A. Pedley, Jr.		
						c/o Thomas J. Hoyer	0.015630%	
						Elfric L. Voltaire		
						c/o United California Bank	0.007810%	
						First Interstate Bank of		
						Denver NA Account		
						No. 120003306	0.214840%	
						First Interstate Bank Denver		
						Trustee of First Estate of		
						Charles L. Tipton		
						c/o 03958 14-8	0.021870%	
						James N. Goli	0.014650%	
						Charles H. Goli	0.014650%	
						Max W. Goli II	0.014840%	

20A W/2 NW/4 Section 19,
1-25, S. R. 38-E,
Leo County, New Mexico
insolvent as the Lubb/Dinkard
formation only

80 NM-0349956
6/1/47 HBP
United States - Bureau
of Land Management 12.500000%

Texaco Refining Inc. 100.00000%
Exploration & Production
Zinc

Texaco 1100%

EXHIBIT "B"

10 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	Participation of Inest in Unit
						Jon F. Coll		
						RepublicBank Dallas MA		
						Trustee U/W/O Selma E.		
						Andrews, Trust #5188	0.268510%	
						Fronz R. Lupton, Jr.		
						c/o Lupton Enterprises Inc	0.007810%	
						Julie Ann Lupton		
						c/o World Savings & Loan	0.007810%	
						Brodshaw Bobb Lupton	0.009380%	
						Charles L. Lupton, Jr.		
						c/o Bank of America,		
						Atroyo Grande Branch	0.015630%	
						Lawrence L. Pedley	0.005210%	
						John C. Pedley	0.005210%	
						David W. Pedley	0.005210%	
						Broile Institute of America		
						c/o Republic National Bank		
						Dallas, Agency #631--00	0.231470%	
						Polanco Penrose Scheller		
						Successor Trustee U/W/O		
						Neville C. Penrose		
						c/o J. Thomas Scheller	0.125000%	
						Lucy O. Ross	0.125000%	

29 W/2 Section 31
1-2 S. R-38-E
Lea County, New Mexico

160.00
NM-0569
4/1/84
HBP

United States - Bureau
of Land Management 12.500000%

Fino Oil & Chemical Co 100.00000%

ARCO

100%

EXHIBIT "B"

10 UNIT AGREEMENT SOUTH JUISIS 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	Participation of tract in Unit
30	S/2 NE/4 Section 11, T-25-S, R-37-E, Lea County, New Mexico	80	NM 4355 4/1/56 HRP	United States - Bureau of Land Management	Sliding Scale	Doyle Holman	100.0000%	
						The Award Company Minion B Johnson, General Partner of the Minion B Johnson Partnership Anaco Production Co Alice N Robertson William L Thomas II	0.390625% 0.390625% 4.687500% 0.390625% 0.390625%	
						ARCO Doyle Holman & wife Margaret M. Holman James A. Davidson, single Lorry A. Nerny, single James E. Burr & wife, La Vela F. Burr Jack Fletcher & wife, Delphine Fletcher Ruth Sutton, Single	50.000000% 35.546875% 17.500000% 0.781250% 0.390625% 0.390625% 0.390625%	
TOTAL FEDERAL ACREAGE - 2,800.28-00 PERCENTAGE OF UNIT (SURFACE ACRES) - 52.74%								

EXHIBIT "F"

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

Tr. No.	Description of Land	Acres	Lease Status	Base Royalty Owner		Overriding Royalty Owner		Working Interest Owner	Participation of Tract in Unit
				Percentage	Percentage	Percentage	Percentage		
53	SE 1/4 NW 1/4 Section 14, T-25-S, R-37-E, Lea County, New Mexico	40	unleased	James Vance Cowan, Truste Benjamin Scott Cowan Trust Jock Vance Cowan, Trustee	0.260420% 0.260420% 0.260420%				
								ARCO	100%

TOTAL PATENTED ACREAGE - 1,640.0 PERCENTAGE OF UNIT (SURFACE ACRES) - 30.6%

RECAPITULATION

	Acres	Percentage
Federal	2,800.28-00	52.24%
State	920.00	17.16%
Patented	1,640.00	30.60%
TOTAL	5,360.28-00	100.00%

EXHIBIT "8"



JIM BACA
COMMISSIONER

State of New Mexico
OFFICE OF THE
Commissioner of Public Lands
Santa Fe

RECEIVED

MAR 16 1992

MIDLAND LAND DEPARTMENT

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

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
<u>ARCO</u>	EXHIBIT NO. <u>8</u>
CASE NO. <u>10552, 10553, 10554</u>	

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.

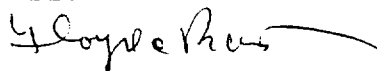
ARCO Oil and Gas Company
South Justis Unit
March 11, 1992
Page 2

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

EXHIBIT "9"

BEFORE EXAMINER CATANACH

OIL CONSERVATION DIVISION

ARCO

EXHIBIT NO. 9

CASE NO. 10552, 10553, 10554

EXHIBIT "D"

Attached To That Certain Unit Operating Agreement
dated _____ for
The South Justis Unit
Located in Lea County, New Mexico

WORKING INTEREST OWNER SUMMARY

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
American Exploration	18	0.030144
	19	0.023243
	19	<u>0.158743</u>
TOTAL		0.212130
American Production VI	19	0.665363
	19	<u>0.058107</u>
TOTAL		0.723469
Anderson, Steve	50	0.054329
ARCO	2	1.377364
	4	0.813426
	5	0.667640
	6	2.192094
	7	1.829734
	9	0.161044
	11	1.850652
	13	0.548765
	20	1.491918
	21	2.323008
	22	0.837075
	23	2.052803
	24	0.480729
	29	1.432614
	30	1.189086
	31	1.980553
	34	7.759747
	35	4.153733
	36	0.165335
	38	0.231916
	39	0.818737
	40	0.264022
	41	0.599731
	42	0.388345
	43	0.324908
	44	0.032701
	45	0.079527
	46	0.768106
	47	5.783629
	48	6.745838

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
	49	0.415820
	50	0.734085
	51	5.893882
	52	0.028369
	53	0.964153
	39A	0.160126
	39B	0.024531
	40A	0.051745
	42A	0.214853
	44A	0.002228
	45A	<u>0.014554</u>
TOTAL		57.900872
Auvenshine, Cathie Cone	52	0.002128
Bass, Lee M., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Bass, Sid R., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Brown, Donaldson Trust	52	0.001577
Burkhart, J. L.	50	0.034771
Burr, James	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
TOTAL		0.016489
Byrom, W. K.	52	0.014018
Caspen	10	0.513975
	14	0.086740
	52	0.070214
	5	<u>0.154071</u>
TOTAL		0.825000

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Cone, A. L. Partnership	52	0.010639
—Cone, Clifford	38	0.007028
	52	<u>0.002128</u>
TOTAL		0.009155
Cone, D. C.	52	0.002128
Cone, J. R.	52	0.010639
Cone, Kathleen	38	0.035139
	52	<u>0.010639</u>
TOTAL		0.045777
Cone, Kenneth	38	0.007028
	52	<u>0.002128</u>
TOTAL		0.009155
Cone, Thomas	52	0.002128
Davidson, James	30	0.294967
	49	0.103149
	50	0.089598
	9	<u>0.039949</u>
TOTAL		0.527663
Deltex Royalty	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
TOTAL		0.106700
El Paso	50	0.061737
Elliott Oil Company	52	0.028369
First Century Oil Company	52	0.003154
Fletcher, Jack	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
TOTAL		0.016489

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
FNB, Ft. Worth, Trustee	41	0.074449
	42	0.048208
	43	0.030112
	44	0.003040
	45	0.013633
	42A	0.019912
	44A	0.000210
	45A	<u>0.002495</u>
TOTAL		0.192061
FNB, Lubbock, Trustee	44A	0.000117
Fuqua, H. B., Trustee	41	0.115810
	42	0.074991
	43	0.046841
	44	0.004730
	45	0.021207
	42A	0.030975
	44A	0.000326
	45A	<u>0.003881</u>
TOTAL		0.298761
Hartman	9	0.113605
	30	0.838813
	49	0.293330
	50	<u>0.254793</u>
TOTAL		1.500541
Headington	9	0.159796
	16	0.319373
	17	0.520391
	50	<u>0.096586</u>
TOTAL		1.096146
Irene Investment	52	0.001752
Keystone Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Linehan, Betty Lou	50	0.054329
Mabee, Joe	50	0.108658
Marathon	18	0.012919
	25	<u>0.359168</u>
		0.372087

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
McPheron, Colleen	52	0.001752
Meridian	3	3.383153
	8	1.893095
	9	0.798980
	10	2.569259
	14	0.954135
	15	3.337506
	16	1.596484
	17	2.601329
	24	0.473218
	37	0.288605
	39	0.002406
	40	0.000776
	41	0.206804
	42	0.133912
	43	0.001307
	44	0.000238
	45	0.068166
	49	0.006447
	50	0.075456
	52	0.095747
	39A	0.000470
	39B	0.008177
	42A	0.000864
	44A	0.000016
	45A	<u>0.012475</u>
TOTAL		18.509024
Moores Oil Corp.	41	0.057905
	42	0.037495
	43	0.023421
	44	0.002365
	45	0.010604
	42A	0.015487
	44A	0.000163
	45A	<u>0.001941</u>
TOTAL		0.149381
MW Petroleum (Apache)	33	0.436277
	50	<u>0.108658</u>
TOTAL		0.544935
Nermyr, Larry	9	0.002497
	24	0.007511
	30	0.018435
	50	<u>0.005600</u>
TOTAL		0.034044

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
New York Life II-E	19	0.127537
New York Life II-F	19	0.059740
New York Life II-G	19	0.144934
<u>New York Life II-B</u>	19	<u>0.039822</u>
- TOTAL		0.372032
Oryx	41	0.062041
	42	0.040174
	43	0.025093
	44	0.002534
	45	0.011361
	42A	0.016594
	44A	0.000087
	45A	<u>0.002079</u>
TOTAL		0.159963
Pacific Enterprises	25	0.838059
Ratliff, Barbara Lu	50	0.054329
Read, Charles	52	0.001752
Schieffer, Patricia P. Trust	52	0.002278
Taylor, Ann H. (McPheron)	52	0.003504
Texaco	1	0.648309
	12	10.129934
	26	0.921097
	27	1.308680
	28	0.187129
	32	1.154044
	52	0.158869
	28A	<u>0.202856</u>
TOTAL		14.710918
Thru Line Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Way Enterprises	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
<i>TOTAL</i>		0.106700
 GRAND TOTAL		 100.000000

EXHIBIT "10"

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

IN THE MATTER OF THE APPLICATION
OF ARCO OIL AND GAS COMPANY FOR
POOL CREATION AND CONTRACTION AND,
IF APPLICABLE, POOL EXTENSION
AND/OR REDESIGNATIONS,
LEA COUNTY, NEW MEXICO.

CASE NO. 10552

IN THE MATTER OF THE APPLICATION
OF ARCO OIL AND GAS COMPANY FOR
STATUTORY UNITIZATION,
LEA COUNTY, NEW MEXICO.

CASE NO. 10553

IN THE MATTER OF THE APPLICATION
OF ARCO OIL AND GAS COMPANY FOR
APPROVAL OF A WATERFLOOD PROJECT,
LEA COUNTY, NEW MEXICO.

CASE NO. 10554

AFFIDAVIT OF MAILING

William F. Carr, being duly sworn, states that on August 27, 1992, he provided notice of the above referenced applications by certified mail, return receipt requested to the persons identified on Exhibit A attached hereto in compliance with the provisions of the rules and regulations of the Oil Conservation Division.

BEFORE EXAMINER William F. Carr Affiant, sayeth naught.

OIL CONSERVATION DIVISION

ARCO EXHIBIT NO. 11

CASE NO. 10552, 10553, 10554

William F. Carr
William F. Carr

SUBSCRIBED AND SWORN to before me this 16th day of September, 1992.

Charles V. [Signature]
Notary Public

My Commission Expires:

August 19, 1995

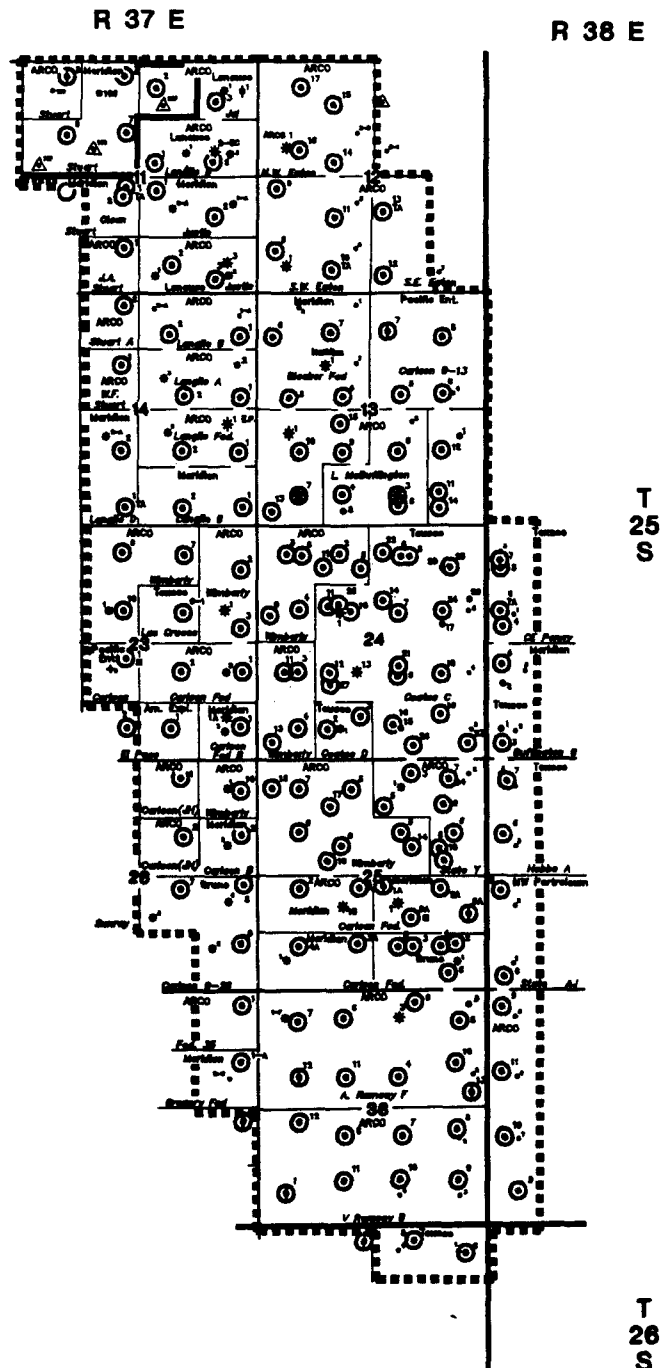
BEFORE THE STATE BOARD OF LANDS

OF NEW MEXICO

ARCO EXHIBIT NO. 10

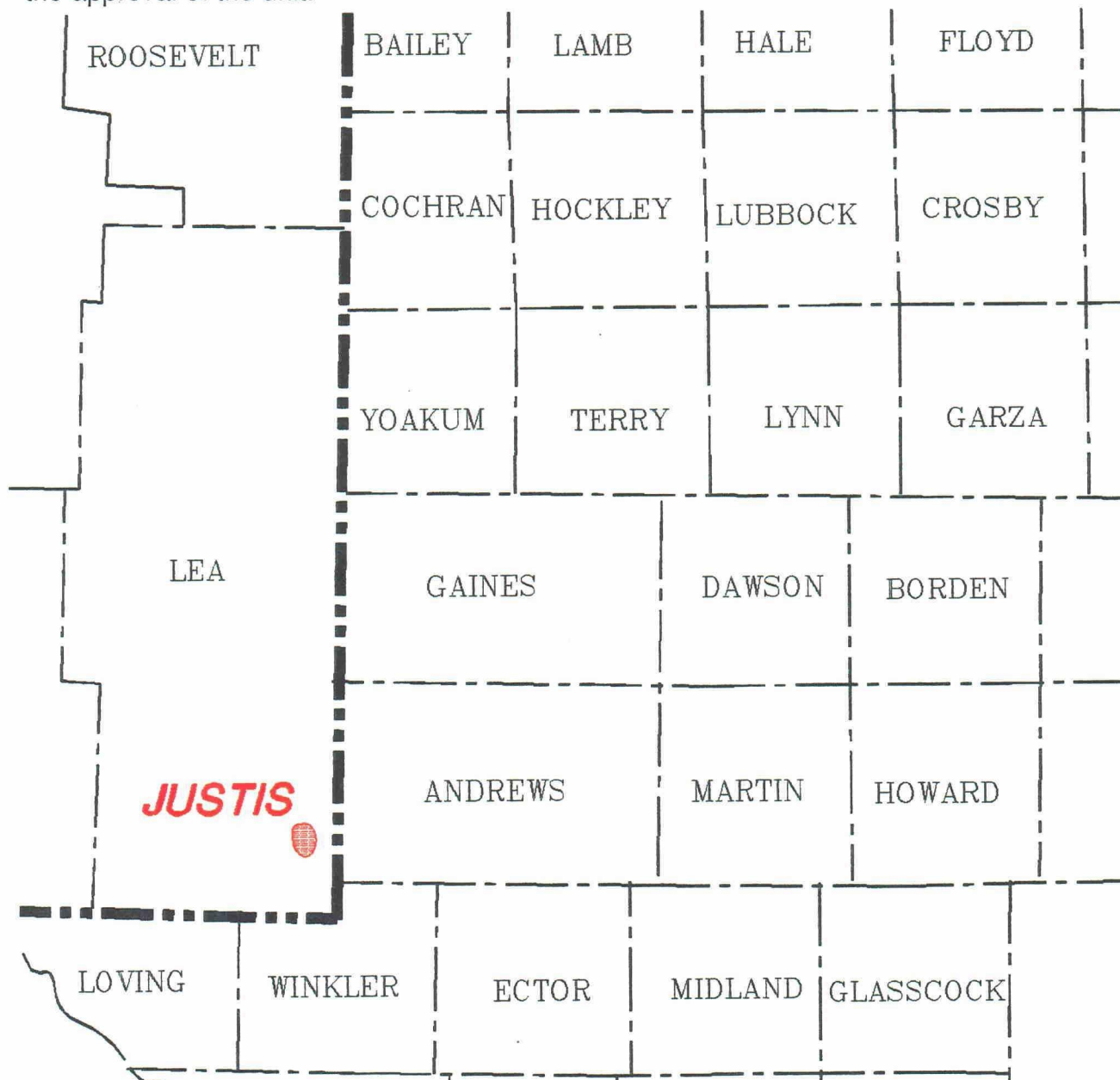
CASE NO. 10552, 10553, 10554

SOUTH JUSTIS UNIT LEA COUNTY, NEW MEXICO ROYALTY OWNERS OVERVIEW



INTRODUCTION

Efforts to unitize the Justis Blinebry and Justis Tubb/Drinkard Fields in southeastern Lea County, New Mexico, for the purpose of conducting waterflood operations, have been ongoing since 1984. Unitization and implementation of waterflood operations is expected to extend the productive life of these fields by recovering oil that can never be produced with the present method of operation and existing facilities. ARCO Oil and Gas Company, a division of Atlantic Richfield Company, is currently seeking the approval of all mineral interest owners in the proposed South Justis Unit to form a unit and initiate an enhanced recovery program. This brochure has been prepared to inform you, as a royalty owner, about the unit, its plan of development, and your role in the approval of the unit.



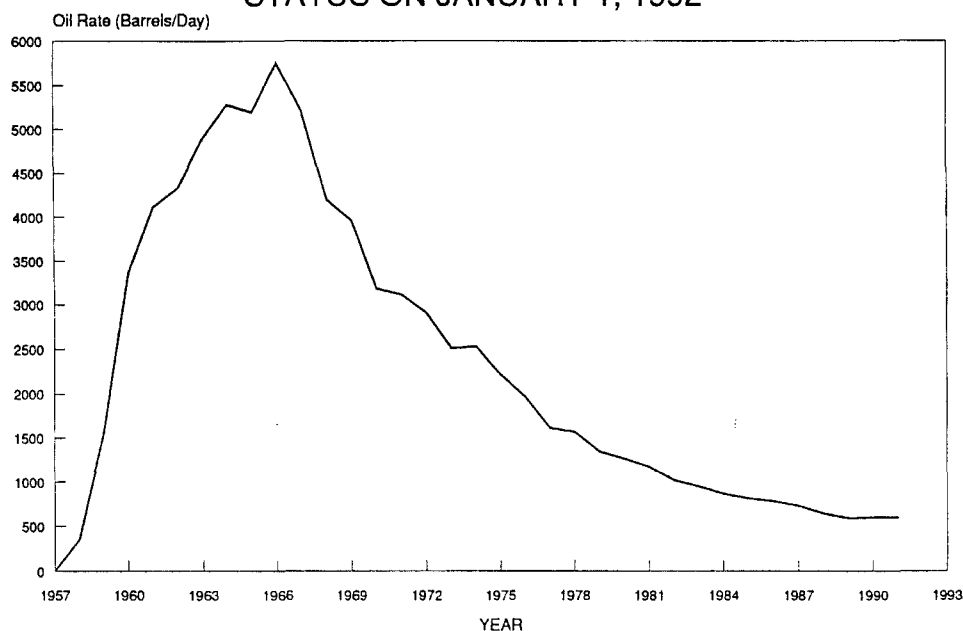
HISTORY

The proposed South Justis Unit in Lea County, New Mexico is approximately two miles east of the Town of Jal and is forty miles south of the City of Hobbs. The unit area covers 5360 acres in Townships 25 and 26 South and Ranges 37 and 38 East, New Mexico Principal Meridian, and includes all or portions of 14 sections of land.

The Justis Drinkard Field was discovered on December 8, 1957 with the completion of the Tidewater Coates C #8 well in Section 24, Township 25 South, Range 37 East, N.M.P.M., Lea County, New Mexico. The Justis Blinebry and Justis Tubb/Drinkard Fields were developed on 40-acre spacing with the majority of the wells being drilled and completed during the late 1950's and early 1960's. Peak oil production from the collective wells occurred in 1966 when the annual average production was 5645 barrels of oil per day. Cumulative production from these reservoirs in the proposed unit area through December 31, 1991 is approximately 29 million barrels of oil.

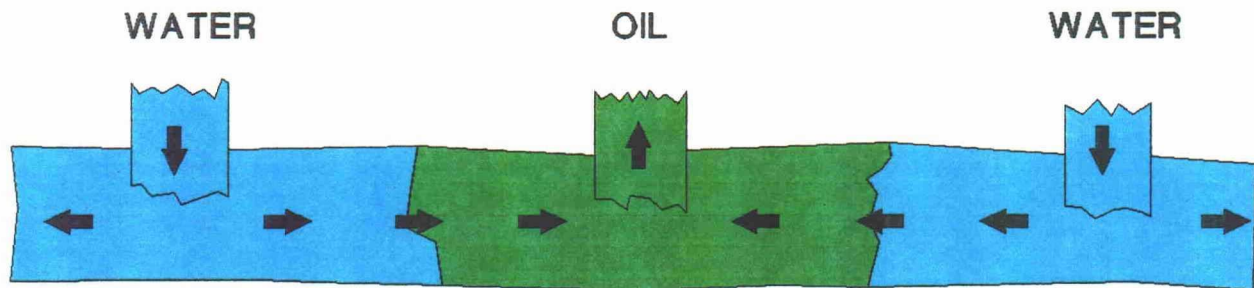
After peak production was reached in 1966, oil production within the proposed unit area has steadily declined. Sixteen companies have drilled and completed 265 Blinebry and Tubb/Drinkard completions, but only 119 Blinebry and Tubb/Drinkard completions are currently active and production has declined to 531 barrels of oil per day, 9.4% of the 1966 peak monthly production rate.

PRIMARY PERFORMANCE HISTORY SOUTH JUSTIS AREA - LEA COUNTY, NM BLINEBRY & TUBB/DRINKARD RESERVOIRS STATUS ON JANUARY 1, 1992



INCREASING RECOVERY AND EXTENDING THE LIFE OF THESE FIELDS

As with all oil fields, production has declined with time. In 1984, the Working Interest Owners (companies operating the wells and paying the maintenance costs) began a series of meetings and engineering studies in an attempt to devise a method to increase the oil recovery and extend the productive life of these fields. After the various company engineers and geologists completed their studies, they concluded that a secondary recovery unit should be formed to enable water injection operations to commence. Water injection into the oil producing formations will force some additional oil remaining in the rocks to the producing wells.



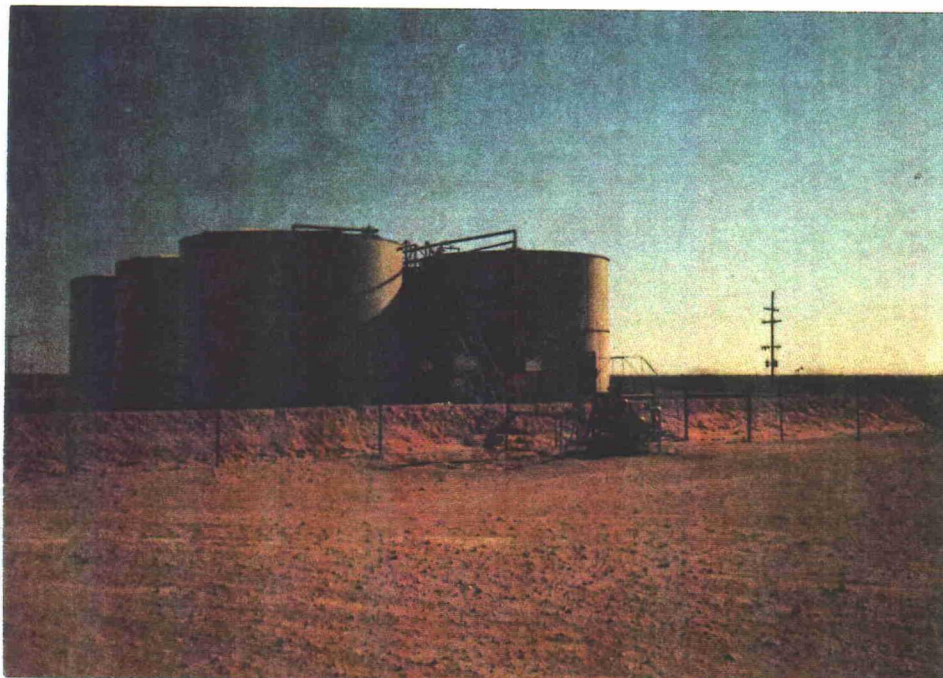
The following discussion on primary and secondary recovery is useful in understanding the benefits of unitization and water injection.

PRIMARY RECOVERY

In certain areas and under the right conditions, oil and gas, as well as water, accumulate deep beneath the surface of the earth and under pressure within tiny pore spaces in the reservoir rock. When a well is drilled into a productive reservoir, the difference in pressure between the reservoir, the wellbore, and the surface causes the oil, gas, and water in the reservoir rock to move into the wellbore and to the surface, if the reservoir pressure is high enough.

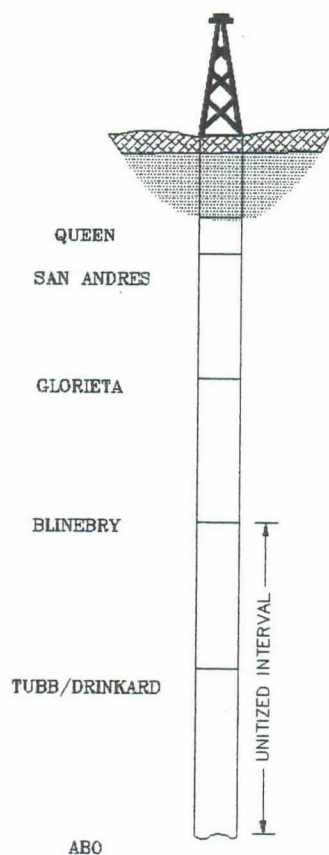
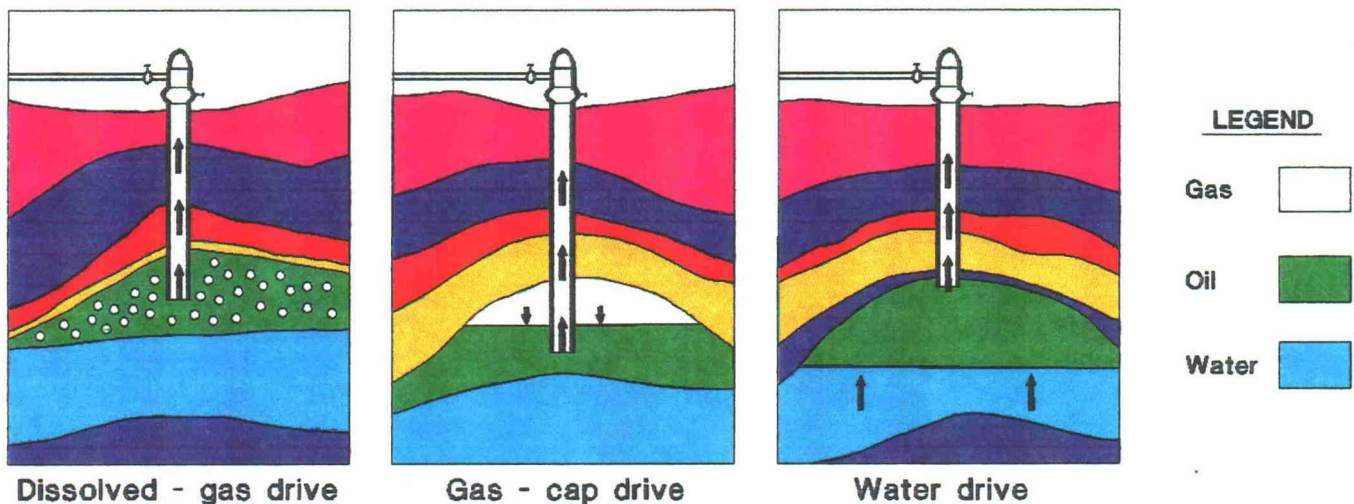
In most reservoirs, the pressure is initially high enough to lift the oil to the surface in producing wells. However, as production continues and the reservoir pressure decreases, the wells cease to flow. Pumping equipment is then required to lift the oil to the surface.

Primary recovery, which relies entirely on natural forces and pumping equipment, is the initial phase in the development of a field. However, with decreased reservoir pressure, a large amount of oil is left behind in the tiny pore spaces of the reservoir rock and cannot be recovered using conventional flowing or pumping techniques. During over 34 years of primary recovery at the Justis Blinbry and Justis Tubb/Drinkard Fields, only about 14% of the original oil in these reservoirs has been recovered.



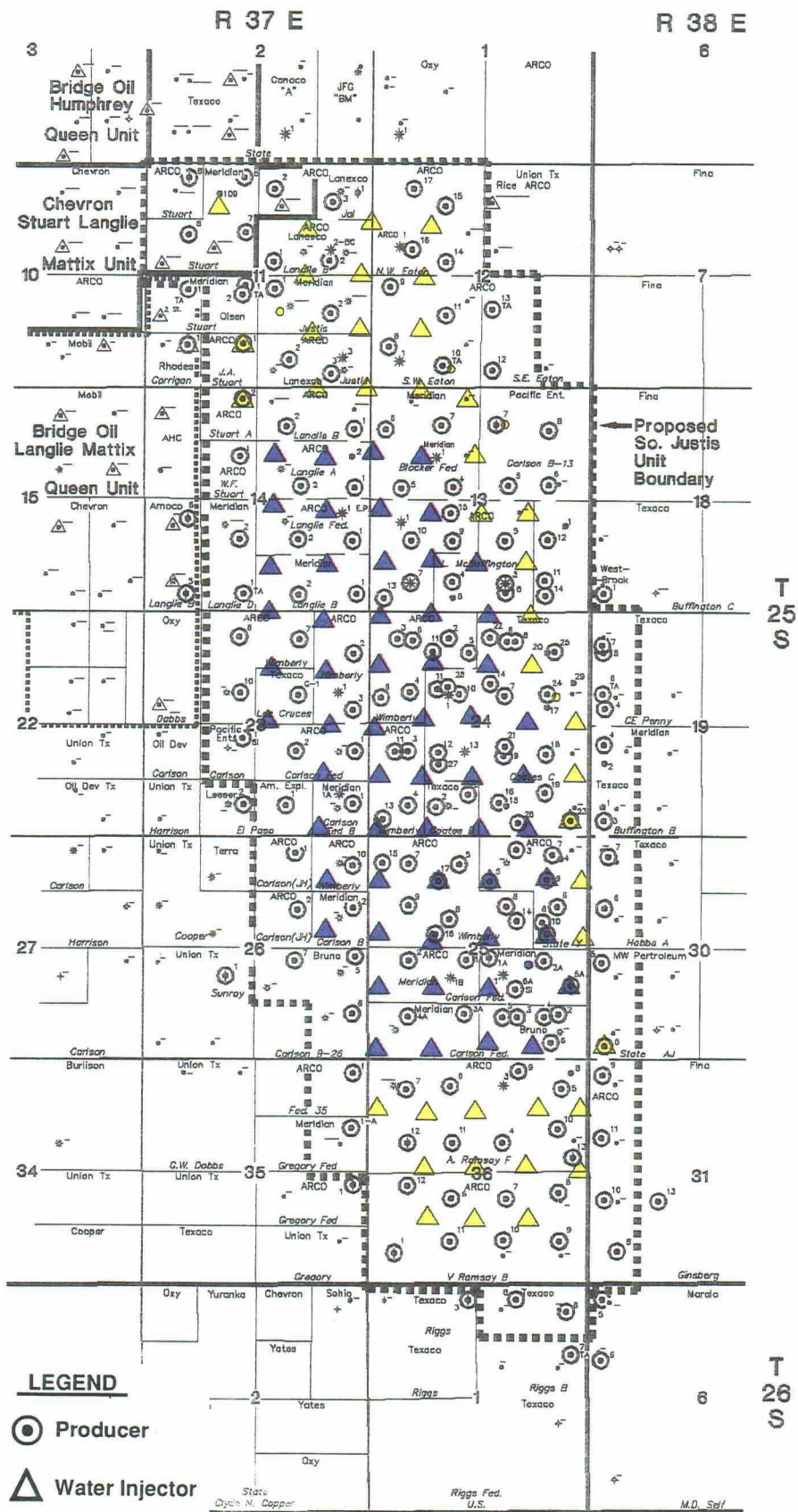
SECONDARY RECOVERY

Two natural forces provide the energy necessary to move oil from the reservoir to a producing well. One is the expansion of free gas or the gas that is dissolved in the oil (gas drive) and the second is the movement of water which displaces the oil (water drive).



In most cases, a reservoir that has a water drive (either natural or man made) will yield significantly more oil than a reservoir that has a gas drive. When it is determined that a reservoir is primarily producing by solution gas drive or gas expansion, consideration is given to supplementing the solution gas drive or gas expansion with a secondary recovery method such as waterflooding. Waterflooding is an enhanced oil recovery technique in which water is injected into the oil and gas reservoir to repressure the oil bearing formation. The injected water displaces the oil that has been trapped in the reservoir and pushes it to the surrounding producing wells where it can be pumped to the surface and recovered. The waterflood development plan proposed for the South Justis Unit will utilize 102 water injection wells and 129 producing wells.

South Justis Unit
Royalty Owners Overview
Page 6



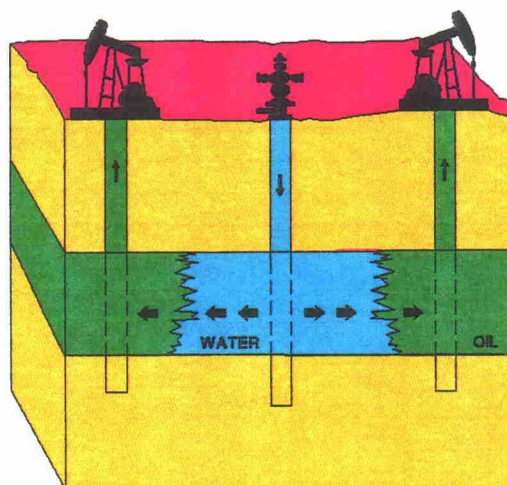
UNITIZATION FOR ENHANCED OIL RECOVERY

WHAT IS UNITIZATION?

Basically, unitization is the combining of various leases and interests in a producing reservoir within an agreed upon land area so that the leases can be operated as a single property to cooperatively enhance oil recovery. The primary purpose of unitization for secondary recovery is to increase oil recovery, which leads to providing more income to Royalty and Working Interest Owners. When all or part of a reservoir is unitized, the interests of all Royalty and Working Interest Owners in the unit area are combined and each owner shares in the oil and gas produced from the entire unitized area.

WHY IS IT NECESSARY TO UNITIZE?

In general, unitization results in the most efficient development of the oil and gas resources in the unitized area in accordance with the best economic, geological and engineering principles applicable to the particular reservoir. Unitization also allows for different recovery methods to be used. With a water injection project, oil may be pushed across property lines and some wells must be used for water injection instead of oil production. Due to the movement of oil and the different uses of wells in a waterflood, it is necessary to combine all of the interests so that the leases are treated as a single property and the Royalty and Working Interest Owners receive their fair share of the income from the oil that is produced from the total unitized area.



ENHANCED OIL RECOVERY

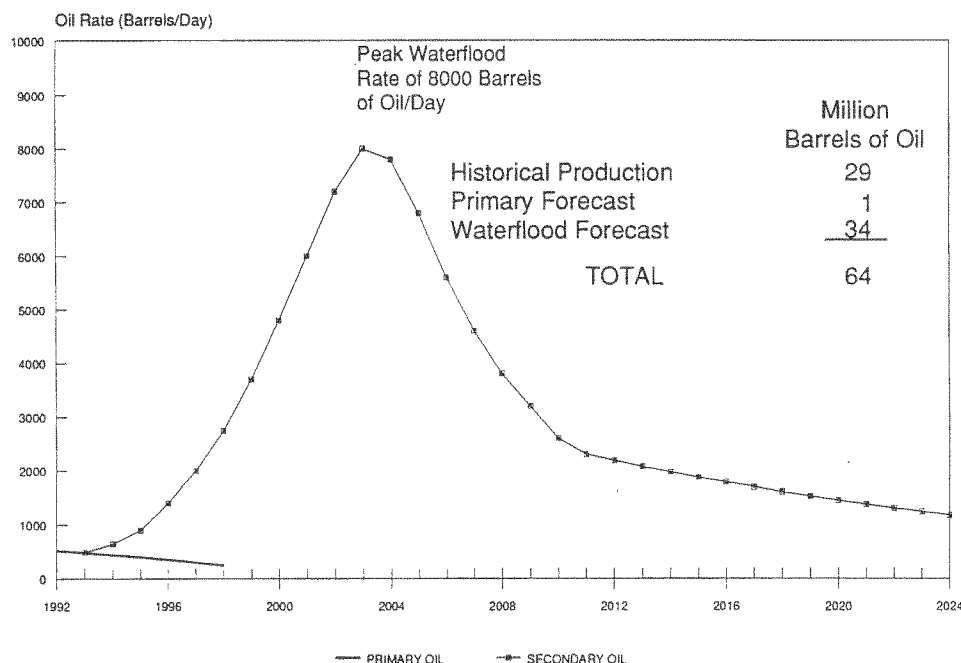
WILL WATER INJECTION RESULT IN THE RECOVERY OF MORE OIL?

Yes. Joint studies by the various companies operating wells in the proposed unit area indicate that since the drilling of the first well in 1957, the Justis Blinebry and Justis Tubb/Drinkard Fields have produced about 29 million barrels of oil. It is projected that that these fields will produce approximately 1 million more barrels of oil without the benefit of water injection. With the benefit of water injection, it is estimated that as much as 34 million additional barrels of oil may be recovered.

ARE MOST OF THE ROYALTY AND WORKING INTEREST OWNERS IN FAVOR OF THE UNIT?

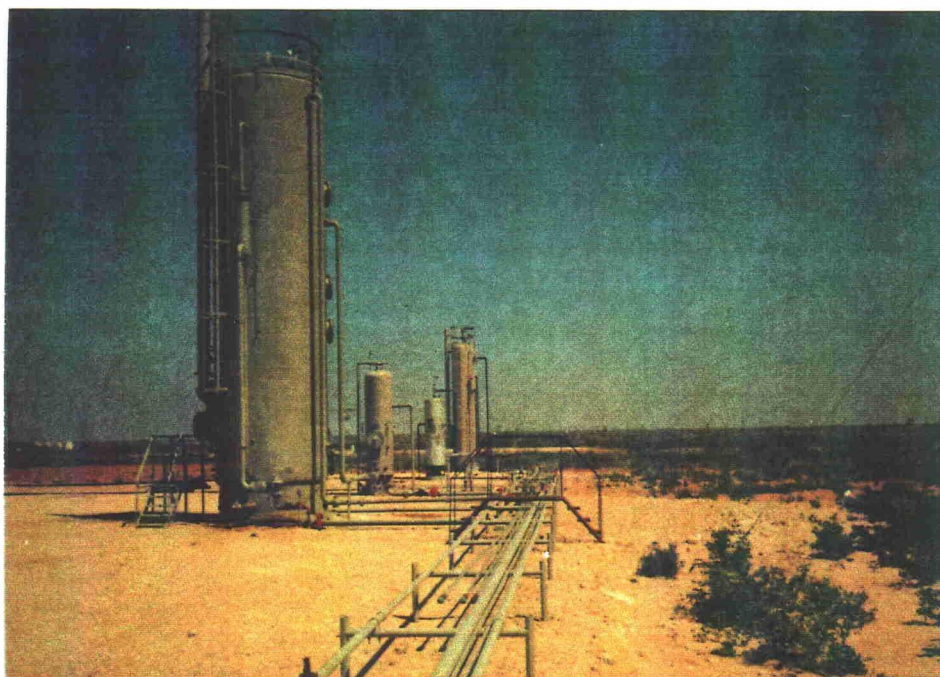
Yes. The State of New Mexico and the federal government own 69.4% of the lands and royalty interest within the unit, and because of the projected increase in recoverable oil as well as income, both have indicated preliminary approval for the formation of a unit. In addition, a majority of the voting percentage of the Working Interest Owners have indicated approval of the South Justis Unit and the water injection program.

SOUTH JUSTIS UNIT WATERFLOOD FORECAST



HOW WILL UNITIZATION AFFECT ROYALTY OWNERS' INCOME?

Oil production, as well as royalty income, has been declining annually in the proposed unit area. After unitization is completed, unit production and royalty income are expected to increase through the year 2000. Your total income with water injection is projected to be greater than if no waterflood were implemented.



HOW WILL UNIT PRODUCTION BE DIVIDED AMONG THE ROYALTY OWNERS?

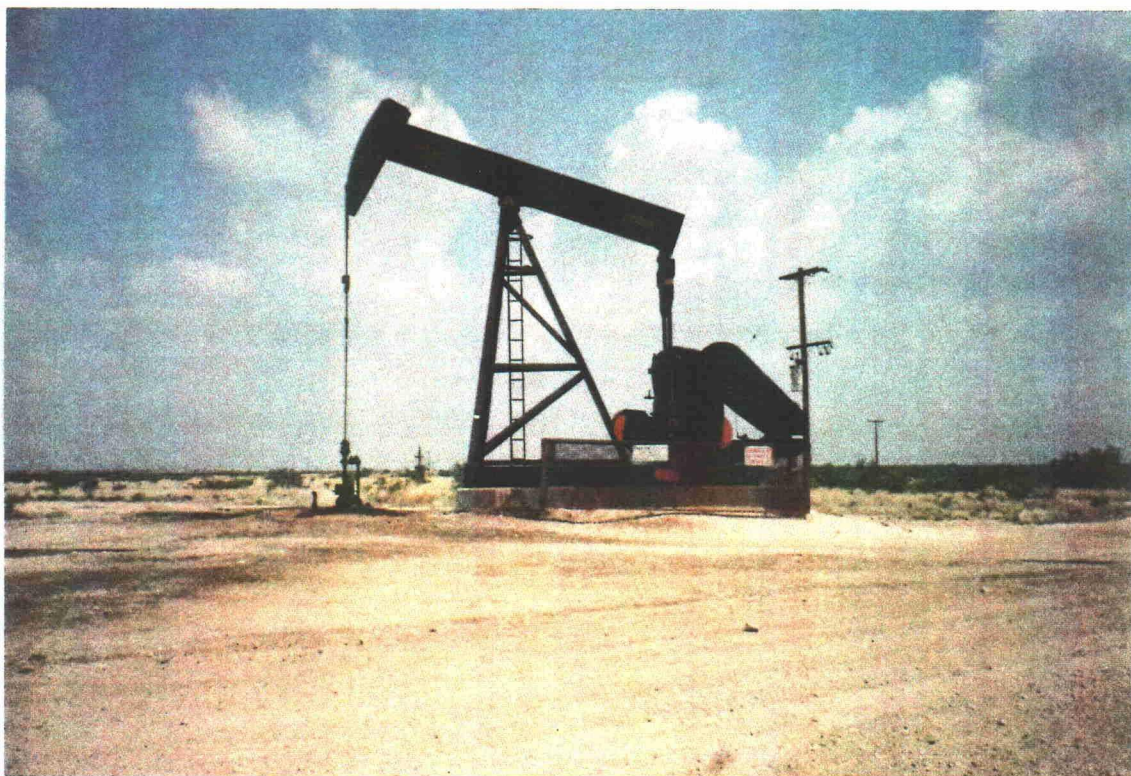
The revenue received by the Royalty Owners will be based on their percentage of ownership in that tract multiplied by the overall unit production allocated to that tract. A Royalty Owners' interest in a tract will not change. The unit production allocated to each tract is based upon a formula which compares the overall unit production, cumulative recovery, remaining recovery, total recovery, and acreage to the same parameters attributable to each tract. This formula will provide for the equitable sharing in unit production regardless of whether the tract has producing wells or injection wells.

HOW WILL TRACT PRODUCTION BE DETERMINED SO THAT ROYALTY OWNERS RECEIVE THEIR FAIR SHARE?

The companies owning an interest in the unit area include ARCO, Marathon, Meridian, Oryx, Texaco, and others. Each of these companies have a competent staff of engineers, geologists, accountants, and attorneys. These companies compete with each other. Because of the competitive nature of this business, these companies have participated in the development of the proposed unitization plan so that each of the companies would be assured of receiving a fair and equitable deal. As a result of the numerous meetings and studies conducted since 1984, the majority of these Working Interest Owners have agreed on a tract participation formula they believe fairly represents all interests (both Royalty and Working Interests) in each individual tract and in the unit as a whole. The companies also firmly believe that their share of the future production and revenues will increase by joining the unit.

WHEN WILL THE WATER INJECTION PROGRAM BEGIN? WHAT IS THE COST? WHO PAYS FOR IT?

Construction of water injection facilities is expected to begin in late 1992. The total cost to implement the water injection program is estimated to cost approximately \$56.4 million, which will be paid by the Working Interest Owners. There will be no costs incurred by the Royalty Owners.



WHAT WILL HAPPEN TO INCOME RECEIVED FROM WELLS THAT PRODUCE FROM ZONES OTHER THAN THE UNITIZED FORMATIONS?

Income from oil wells or gas wells that produce from zones above or below the unitized formations should not be affected by the proposed unit.

IS APPROVAL FROM A GOVERNMENT AGENCY REQUIRED TO FORM THIS UNIT?

Yes. The New Mexico Oil Conservation Division is required by law to assure that the Royalty Owners will benefit by the establishment of this unit. They will also assure that the tract participation formula is fair, reasonable and equitable, and protects the rights of all Royalty and Working Interest Owners in the unit area, before they may approve the establishment of this unit.

A SUCCESSFUL WATER INJECTION PROGRAM REQUIRES COOPERATION

The formation of the South Justis Unit requires the cooperation of the various companies and Royalty Owners. In forming a unit, it is necessary for Royalty and Working Interest Owners to join in a written agreement which states, among others things, the method of arriving at each tract's participation. By signing a ratification to the agreement, the Royalty Owner is agreeing to the formation of the unit and the tract participation formula.

Since the purpose of the unitization is to increase both the amount of oil recovered and the rate of recovery, the Royalty Owner should receive more money but will not pay any of the costs associated with increasing the production.

A public hearing on the project will be conducted by the Oil Conservation Division, Energy and Minerals Department, State of New Mexico. Each Royalty Owner will be notified of this hearing. After the preliminary approval of all applicable state and federal agencies, each Royalty Owner will receive by mail from ARCO a copy of the South Justis Unit Agreement. In addition, each Royalty Owner will receive six copies of the "Ratification and Joinder" to the Unit Agreement for execution. **Specific instructions for executing and returning the "Ratification and Joinder" will be furnished with the mailing. We urge you to please commit your interest to the unit by signing and returning copies of the "Ratification and Joinder" to ARCO as soon as possible.**

After sufficient ratifications and joinders have been obtained as required by New Mexico law, the unit will become effective and all Royalty Owners and Working Interest Owners in the unit area will begin sharing the benefits of unitization.

If you have any additional questions, please call V. Ray Pyle at (915) 688-5564 or address your correspondence to:

ARCO Oil and Gas Company
Attention: V. Ray Pyle
P. O. Box 1610
Midland, TX 79702

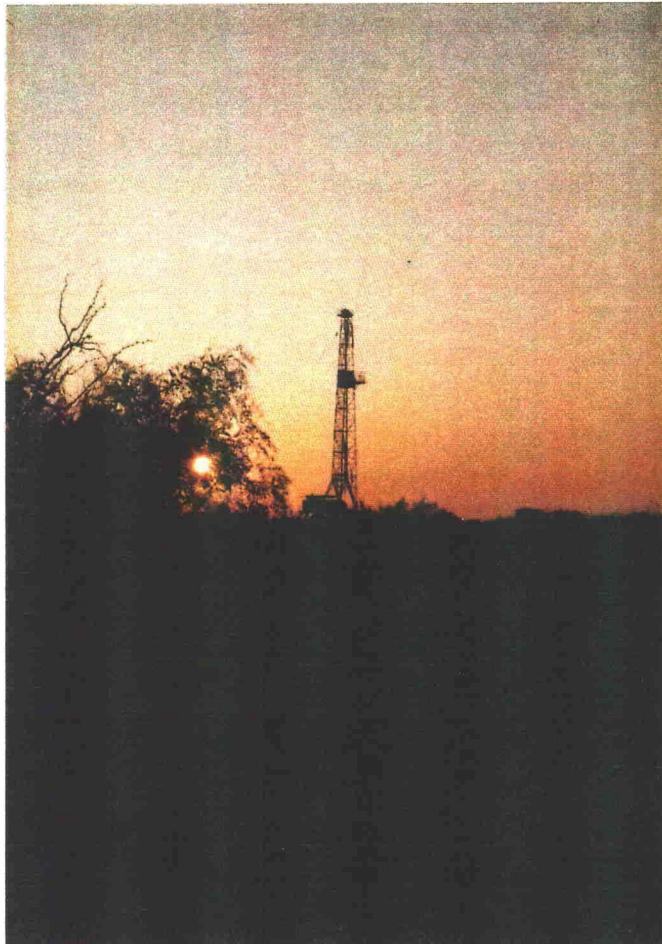


EXHIBIT "11"

Legal Owner	Street	Street 2	City	ST	Zip
A. L. Cone Partnership	P. O. Box 3457		Lubbock	TX	79462
A. L. Mangum	P. O. Box 99065		Lubbock	TX	79499
Mr Wanda Jean Stutzman	617 Kings Grant Road		Virginia Beach	VA	23452
Albert Dittmer	RR 2, Apt. 211		Galata	IL	62935
Alfred B. Karnes, Jr.	1955 Montana Parkway		Denver	CO	80220
Nicee W. Nielson	716 Brook Drive		Newark	DE	19713
Mylene Kelly Fuller	P. O. Box 1606		Canyon Lake	TX	78130
Amerade Hess Corporation	P. O. Box 2040		Tulsa	OK	74102
Anna May Rasmussen	P. O. Box 561		Rawlins	WY	82301
Arne Stuart Marble	6533 Mesquite Tr.		Piano	TX	75023
April Elizabeth Tucker	2434 East Contessa		Mesa	AZ	85203
Archie D. Smith & Clebelle Brads Trust	713 Vista Verde Way		Bakersfield	CA	93309
ATTN: Archie D. Smith, Jr., Trustee	P. O. Box 600		Dallas	TX	75221
ARCO Oil and Gas	P. O. Box 910355		Dallas	TX	75285-0355
ARCO Petroleum Products Co.	100 Ninth 12th		Tonkawa		
Arthur E. Loshive					
Artie Mae Eaton Wilson	P. O. Box 910355		Dallas	TX	75391
Atlantic Richfield Company	P. O. Box 1263		Midland	TX	79702
Audrey M. Curry Baker	1511 Ray		Artesia	NM	88210
Averil Stuart Dew	Circo House		Raton	NM	87740
3. A. Christinas, Jr.	P. O. Box 100		Roswell	NM	88201
3. B. Ginsberg	1510 Dayton Road		Big Spring	TX	79720
3. Broadrick	2200 First City Bank Tower	201 Main Street	Fort Worth	TX	76102
Barbara Jeanne Ratliff			Houston	TX	77216
Barbara Mosbacher "B" Account	P. O. Box 201678		Houston	TX	77216
3/o Robert Mosbacher			Houston	TX	77216
Barbara Mosbacher "C" Account	P. O. Box 201678		Houston	TX	77216
3/o Robert Mosbacher			Houston	TX	77216
Barbara Mosbacher "S" Account	P. O. Box 201678		Houston	TX	77216
3/o Robert Mosbacher			Houston	TX	77216
Beams Minerals Company	844 One Energy Square		Dallas	TX	75206
Beatrice Bray Blackburn	811 Cypress Drive		Allen	TX	75002

enita Jean Birmingham	2100 West Wadley #34	Midland	TX	79705
enjamin Scott Cowan Trust	P. O. Box 290397	San Antonio	TX	78280
to Jack Vance Cowan, Trustee				
essie L. Whelan	P. O. Box 2308	Great Falls	MT	59403
to Trust Corp. of Montana FBO	33 - 14th Street	Garden City	NY	11530
etty L. Arnette		Dallas	TX	75220
etty Lou Lorton	6223 Lupton Drive	Dallas	TX	75225
etty Moran Rice	2017 South Churchill Drive	Wilmington	NC	28401
etty S. Warren				
levelly Anne Carter				
everly B. Nelson	1116 North Garfield	Sand Springs	OK	74063
lanche M. Doly	108 Vista Del Sol	Bellevue	WA	98002
radford Ave Christmas	P. O. Box 173	Wagon Mound	NM	87752
radshaw Barb Lupton	P. O. Box 204	Chapel Hill	NC	27514
renda Ronaldson, c/o Texas Commerce Bank of San				
Angelo, Trustee	P. O. Box 5291	San Angelo	TX	76902
.. S. Daley				
.. W. Samuels				
Salie Eaton Pyatt	P. O. Box 1564	Mooreville	NC	28116
Sandy Christmas				
Sampy Hanger et al Moore's Trustee,				
70 NCNB Texas National Bank of				
St. Worth, Trustee	P. O. Drawer 848703	Dallas	TX	75284
aria L. Austin	Suite A	Oklahoma City	OK	73118
Cassius L. Smith	Route 1, Box 105	Kelly	NC	28448
Catherine L. Durnareso Estate				
ATTN: Betty Oldham	910 Travis Suite 1522	Houston	TX	77002
Cathie Cone Auvenshine	P. O. Box 658	Dripping Springs	TX	78620
Cathie F. Simonieg	3927 Bowser RD	Dallas	TX	75219
Charlene Rogers	P. O. Box 418	Robert Lee	TX	76945
Charles A. Burgess	4642 Santa Lucia Drive	Woodland Hills	CA	91364
Charles B. Reed	P. O. Box 1618	Roswell	NM	88201
Charles H. Coll	Box 1818	Roswell	NM	88202

Charles Pille, Trust #142836006 c/o Liberty National Bank & Trust Co.	P. O. Box 3538 422 Elder Road 1309 West Kadhina Tr. #312		Tulsa Mantlari Phoenix Anchorage Concord Lubbock Winchester Lubbock Santa Fe San Antonio Tinley Park Tinley Park Lubbock Melbourne St. Petersburg Colorado Springs Abilene Hancock Palos Verdes Fort Worth Liberty Houston Dallas Los Angeles	OK KS AZ AK CA TX VA TX NM TX IL IL TX FL FL CO TX CA TX SC TX TX CA	74101 66502 85041 99507 94520 79416 22801 79483 87504 78209 60477 60477 79464 32935 33730 80901 79605 90274 76197 29657 77035 75283 90018
Charles T. Bates, Jr.					
Charles Trevier Eaton					
Charles E. Eaton					
Charlotte H. Stuart					
Chevron USA Inc.					
Christine Elliott					
Clarence Victor Eaton					
Clay David Winbalely Trust c/o David Lee Winbalely, Trustee					
Clifford Cone					
Commissioner of Public Lands State of New Mexico					
New Mexico Oil & Gas Acctg. Div.					
Corinne C. Hightower Trust c/o James Vance Staechl, Trustee					
D. C. Stuart					
D. C. Stuart					
D. C. Trust, c/o Marilyn Cone, Trustee					
D. V. Thompson, c/o Richard A. Whittington					
Daisy Elma Turner					
David M. Pedley					
Deltex Royally Company, Inc.					
Desa L. Lee Laird					
Diana Rene Stewart					
Dolores Mooers Account, c/o NCNB Texas National Bank of Ft. Worth, Trustee					
Don J. Roberison					
Donald D. Lopshire					
Donald L. Jones Trust, c/o NCNB Texas National Bank, Trustee					
Donald Woods, c/o Penny Roofing Company					

Dorinda Cowden Mgmt. Trust A/C 30-1576-00, First City Texas-Midland, Trustee				Midland	TX	79702
Dorothy Boyle, Texas Commerce Bank of San Angelo				San Angelo	TX	76902
Dorothy Habuba Revocable Mgmt. Trust, Texas Commerce Bank of San Angelo, Trustee						
Douglas Cone Trust, c/o Marilyn Cone, Trustee	P. O. Box 64244 9522 North 125th East			Lubbock La Porte Kelly	TX IN NC	79464 46350 28448
Dorothy M. Smith E. A. Trust, c/o Ira L. & Christine Toles Elliott						
Earle M. Simon ECS Petroleum Company	2528 NW 55 Place P. O. Box 6250			Oklahoma City Edmond	OK OK	73112 73083
Edna Irene Hall Living Trust, c/o Idra Irene Hall, Trustee	P. O. Box 1355 1722 "K" Street			Roswell Merced	NM CA	86202 95340
Edwin D. Lee Ellie E. Valerine, c/o United California Bank						
Elmer C. Shaughnessy Elizabeth Beatty Dudley	Trust Department 2342 South Columbia Pl. 6400 NW Grand Boulevard Rural Route #1	P. O. Drawer FF		Santa Barbara Tulsa Oklahoma City Galatia	CA OK OK IL	93101 74114 73116 62935
Elton E. Booker Elliott Oil Company, c/o Frank O. Elliott	P. O. Box 1365 P. O. Box 789			Roswell Houston	NM TX	88201 77001
Ellis Rudy Elsie Lee Brown Trust, James G. & Virginia Bruton, Trustees	P. O. Box 218			Wauka	OK	73573
Emil Mosbacher, Jr. "A" Account, c/o R. Bruce Mosbacher	2200 Sand Hill Road	Suite 150		Menlo Park	CA	94025
Emil Mosbacher, Jr. "B" Account, c/o R. Bruce Mosbacher	2200 Sand Hill Road	Suite 150		Menlo Park	CA	94025
Emil Mosbacher, Jr. "C" Account, c/o R. Bruce Mosbacher	1580 Canada Land			Woodside	CA	94062
Emily Ann Wimberley Trust, c/o Randal Wayne Wimberley	1515 West 14th Street			Wilmington	DE	19806

Ernie W. Turner	c/o Donna Frost &	310 West Palmyra Street #36		Orange	CA	92668
Estate of Kathleen Cune,						
Leon Binkley, Personal Reps.		P. O. Drawer 1509		Livingston	NM	88260
Estelle Andrews Melthrop		1406 Georgiana Court		Las Cruces	NM	88005
Eliz Oil Properties		P. O. Box 35		Payson	AZ	85547
Eunice Corne Gibson		5716 Burning Tree Drive		El Paso	TX	79912
Eunice James Gray			177 Tweed Boulevard	Nyack	NY	10960
Euwice L. Smith, c/o R. L. Reeves		1003 East Division		Hope	AR	71801
Eva W. Graham		Route 1, Box 307		Ash	NC	28420
F. Ferrell Davis, Sole & Separate Property		P. O. Box 3061		Midland	TX	79702
F. Kieffer Voss		5091 Massau Circle W		Englewood	CO	80110
Falloway Oil & Gas Company		P. O. Box 50890		Midland	TX	79710
Fina Oil and Chemical Company		P. O. Box 951339		Dallas	TX	75265
First Interstate Bank of Denver NA,						
ATTN: Account No. 120003306		Trust Minerals, 023	P. O. Box 5825	Denver	CO	80217
Frances Wooten Scott		9310 North Armenia Avenue		Tampa	FL	33612
Frank L. Smith		3874 Elm Drive		Sebring	FL	33870
Frank O. Elliot Living Trust,						
c/o Frank O. Elliot, Surviving Trustee		Box 703		Roswell	NM	88201
G. I. Blankenship		400 Nichols Hills Bank Tower	6412 Avondale Drive	Oklahoma City	OK	73116
Garland Stuart		405 Sacramento		Alamogordo	NM	88310
Gaylene Ashcraft		P. O. Box 32400		Oklahoma City	OK	73132
George D. & Edith G. Riggs Living Trust,		Box 230430		Anchorage	AK	99523
c/o Leslie R. Mills, Trustee						
George H. Elz, Sr.,						
c/o George H. Elz, Jr., Trustee		1122 LaVista Drive		McAllen	TX	78501
Gertrude Olinger Tyson		2104 Woodlawn		Midland	TX	79701
Gladys R. Berry Loan Fund Trust,						
c/o Exchange National Bank & Trust of						
Ardmore		P. O. Box 789		Ardmore	OK	73401
Gordon G. Lancaster,						
c/o Fidelity USA #507-188093		P. O. Box 620024		Dallas	TX	75262
Grace B. Bookman		P. O. Box 716		Roswell	NM	88201
H. Winfield Smith, Jr.,		Route 3, Box 890		Castle Hayne	NC	28429
Henry E. Smith		300 West 34th Street		Lumberton	NC	28358

Harry Eldon Smith	Route 1, Box 10E		Winnow	NC	28479
Harry Levy	5715 North Western	Room 139	Oklahoma City	OK	73118
Harvey E. Yates	P. O. Box 1933		Roswell	NM	88201
Hattie Cooke Williams Estate, c/o American State Bank/Martha McEvoy Pope	P. O. Box 1401		Lubbock	TX	79408
Headington Minerals, Inc.		7557 Rambler Rd, Ste 1150	Dallas	TX	75231
Heirs or Devisees of Alma Pearl Eaton Hughes Watkins					
Helen Jane Christmas Baily	P. O. Box 2767		Edmond	OK	73083
Helen Lee Voss Brantler	6 Farady Circle		Carson City	NV	89701
Helen May Hamilton	419 West Fourth Street		Liberal	KS	67901
Hendrick Medical Center	1242 North 19th		Abilene	TX	79601
Ira J. Stuart	1645 Lou Graham		El Paso	TX	79936
Ira L. Elliot					
Irene Stuart Small	411 North Alameda		Carlsbad	NM	88220
Ivan L. Hall	P. O. Box 719		Tonto Basin	AZ	85553
J. Don Wiet & Marjorie T. Wiet Estate, c/o First City National Bank of Midland	P. O. Box 10966		Midland	TX	79702
J. H. Herd	Box 130		Midland	TX	79702
J. Hiram Moore, Betty Jane Moore & Michael Harrison, Trustees	P. O. Box 10908		Midland	TX	79702
J. O. Buffington	Chick Route	450 Sandy Mt. Road	Llano	TX	78643
J. Perrod Toles Trust, c/o J. Perrod Toles & Sally Toles, Trustees	P. O. Box 1300		Roswell	NM	88201
J. Revel Armstrong			Rawlins	WY	82301
J. Steve Anderson III	Suite A	5809 N. Grand Blvd.	Oklahoma City	OK	73118
Jack Linehan & Betty Lou Linehan	8209 Guernsey Lane		Dallas	TX	75220
Jack Markham	First National Bank Building	1500 Broadway, Suite 1212	Lubbock	TX	79401
James G. Bruton	P. O. Box 218		Waurika	OK	73673
James Henry Beasley	4205 Farm Road		Oklahoma City	OK	73120
James M. Welborn	First National Pioneer Building	1500 Broadway, Suite 1212	Lubbock	TX	79401
James N. Coll	Box 1818		Roswell	NM	88202
James N. Seevers Trust, c/o Jo Ann Seevers, Trustee	68 Rock Creek Road		Corpus Christi	TX	78462

James Vance Cowan Trust, c/o James Vance Cowan, Trustee		P. O. Box 290397 Box 802		San Antonio Clinton	TX NC	78280 28328
Jane Cromatie Williams						
JDM Trust, c/o A. L. Mangum, Jr. & Mary Beth Toles Mangum		P. O. Box 99065		Lubbock	TX	79499
Jean Shipley Sullivan, c/o First National Bank of Lubbock		Successor Trustee of Beulah H. Simmons Trust	P. O. Box 1241	Lubbock	TX	79408
Jeanette E. Clitt Trust, Ameritrust Texas NA Trustee, Acct. #4815011406		P. O. Box 97788		Dallas	TX	75397
Jennie Lois Eaton Hodges		6601 Stella Place		Anchorage	AK	99507
Jerry N. Nislar		P. O. Box 3398		Lubbock	TX	79452
Jesse Jameson Berg Trust, c/o Mary W. Daub, Trustee		42 West Avenue		Woodstown	NJ	8098
Jessie B. Crump Trust 10619, c/o NCNB Texas and J. B. Crump		P. O. Box 270		Midland	TX	79701
Jimmy D. Morey Revocable Trust, c/o Jimmy D. & Mary M. Morey, Trustees		1502 Buttrick Road		Oklahoma City	OK	73120
JMD Trust, c/o A. L. Mangum, Trustee		P. O. Box 99065		Lubbock	TX	79499
Jo Ann Seewers		68 Truck Creek Road		Corpus Christi	TX	76412
Joan Bowen Harmer		P. O. Box 1587		Sequim	WA	98382
Joan Brown Trust, c/o American State Bank of Lubbock & Jerry N. Nislar		3303 - 39th Street		Lubbock	TX	79413
Joe & Jessie Crump Fund, c/o Texas American Bank of Ft. Worth, Trustee		Drawer 99033		Ft. Worth	TX	76199
Joe William Gray		1760 Larnitas Avenue		Livermore	CA	94560
John A. Dittmer		P. O. Box 28		Tilden	IL	62292
John A. Stuart		5318 Whitmore Drive		Fulshear	TX	77441
John A. Yates		207 South Fourth Street		Artesia	NM	88210
John Austin Rittenhouse		1906 Glen Avenue		Memphis	TN	38127
John C. Pedley		P. O. Box 632		Princeton	KY	42445
John D. Atkins		216 West 100th Street #1114		New York	NY	10025
John H. Hendrix Corporation		223 West Wall, Suite 525		Midland	TX	79701
John J. Christmann, c/o Christmann Corporation		1500 Broadway, Suite 800		Lubbock	TX	79401
John J. Moran Trust, R. J. Moran & T. E. Swift, Trustees		P. O. Box 8346		Wichita Falls	TX	76307

John J. Redfern, III		P. O. Box 50896		Midland	TX	
John J. Redfern, Jr. Estate, c/o John J. Redfern, III, Executor		P. O. Box 50896		Midland	TX	79710
John M. Lottland, Jr.		717 Radley Bank Bldg.		Fort Worth	TX	76116
John O. Boyle, Jr. Trust		9963 Capridge Drive		Dallas	TX	75238
John Warren Erickson		1516 East 34th Street		Tulsa	OK	74105
Jon F. Cull		Box 1818		Hoswell	NM	88202
Joel Tyson		N. 0554 Johnson Road		Ironwood	MI	48938
Joseph Nelson						
Josephine W. Lundy Rus Trust, c/o Third National Bank of Nashville, ATTN: Richard Gammel		c/o Financial Services Division		Nashville	TN	37244
Joy Rene Pupe		21 Dilling Wind Run		Austin	TX	78738
Joyce Ann Brown		P. O. Box 72		Watrous	NM	83753
Judd Moore		2211 North Marion		Tulsa	OK	74115
Judith Rittenhouse		2434 East Conessa		Mesa	AZ	85203
Judy Stovall		3404 Birchhill Avenue		Gallup	NM	87309
Julie Ann Lupton, c/o World Savings & Loan		A/C 32160376	2505 South College Avenue	Ft. Collins	CO	80525
June D. Speight		P. O. Drawer 1687		Livingston	NM	88260
Katherine Adeline Cone Keck		1801 Avenue of the Stars	Suite 446	Los Angeles	CA	90067
Kathleen F. Smith		Arlington Baptist, Apt. 118	7502 Clays Lane	Baltimore	MD	21207
Kathryn Everett Bray		8203 Marquita		Dallas	TX	75214
Kathryn Pearl Gordon		704 South Calhoun		Liberal	KS	67901
Katie Smith, Hazelhurst		Oleander Court A5		Wilmington	NC	28403
Kenneth G. Cone		P. O. Box 11310		Midland	TX	79702
Keystone, Inc.		P. O. Box 916107		Fort Worth	TX	76191
Kops Oil Company						
L. E. Armstrong, Jr.		2113 Kerper Boulevard		Cody	WY	82414
Lara Alison Wimberley Trust c/o David Lee Wimberley, Trustee		Route 2, Box 1134		Winchester	VA	22601
Loretta J. Horton		HC 79, Box 303		Marshall	AR	72650
Laura Healey Wimberley Trust, c/o Randal Wayne Wimberley		1515 West 14th Street		Wilmington	DE	19806

Laura R. Stuart		13548 Cedar Brook Avenue NE		Albuquerque	NM	87111
Lawrence L. Pedley		1400 Willow #1403		Louisville	KY	40204
Leck A. Jones		121 Sunland Drive		Clavis	MA	86101
Lee Jones Mineral Company		P. O. Box 1169		Duncan	OK	73534
Lee M. Bass, Inc.		P. O. Box 916107		Fort Worth	TX	76191
Leland Stanford Junior University Board of Trustees, c/o Nations Bank		500 West Seventh Street	P. O. Box 1317	Fort Worth	TX	76101
Lena Ann Blake						
Leon G. Beyer						
Levie Lane Wimberey Tisdal		1808 Commodore Road		Newport Beach	CA	92660
Lewis Woodrow Wimberey		4716 West Avenue L-4		Lancaster	CA	93536
Libby L. Underwood Morrish						
Lillian Bell		P. O. Box 468		Eunice	LA	70535
Lillian Smith Ward		P. O. Box 1371		Lumberton	NC	28358
Lillie M. Yates, c/o Frank W. Yates, Jr., AIF		207 South Fourth Street		Attasia	NM	88210
Linda Robison		P. O. Box 12607		Odessa	TX	79768
Loren Tyner Lamb, c/o Floyd M. Melton, Jr., Guardian		P. O. Box 634		Greenwood	MS	38930
Lottie D. Jones Trust, MCNB Texas National Bank, Trustee		P. O. Box 852057		Dallas	TX	75283
Louella M. Kelly, Life Estate		P. O. Box 903		Boerne	TX	78006
Lovelace Foundation for Medical Education/Research		2425 Ridgecrest Drive SE		Albuquerque	NM	87108
Lucille Chism Bates		103 South Irving, Suite 304		San Angelo	TX	76903
Lucy O. Ross		502 Mining Exchange Building	P. O. Box 1778	Colorado Springs	CO	80901
Luella Boes Forwarder		212 South Second Street		Sterling	KS	67579
Lyeth Oil Trust, c/o Kanaly Trust Company		4550 Post Oak Place Drive		Houston	TX	77027
M. L. Davis Oil Trust		P. O. Box 3760		Edmond	OK	73083
Magabel Smith Fluid		2422 Holloway Terr		Raleigh	NC	27608
Marathon Oil Company		P. O. Box 29732		Houston	TX	77297
Marathon Oil Company		P. O. Box 730366		Dallas	TX	75373
Margaret R. Ellison		531 NIV 38th Street		Okthoma City	OK	73118
Marilyn Joan Craig		123 West Pine Street		Liberal	KS	67901
Marilyn M. Law Revocable Trust, c/o Marilyn M. & James B. Law, Trustees		P. O. Box 20628		Okthoma City	OK	73156

Marion U. Donald B. Heard	P. O. Box 2009		Pittsborough	PA	15230
Marjorie Cone Kastman	P. O. Box 5930		Lubbock	TX	79408
Mark A. Hannifin	P. O. Box 1182		Midland	TX	79702
Mark E. Hodge	P. O. Box 158		Hobbs	NM	88240
Marshall & Winston	P. O. Box 50860		Midland	TX	79710
Marth L. Schneidewind	123 East Magna Vista		Arcadia	CA	91006
Martha Johns Desmorie	0470 Shagbunch Lane		Carbondale	CO	81623
Martin Yates II, c/o Lillie Yates/Frank Yates/S. P. Yates	Yates Building	207 South Fourth Street	Artesia	NM	88210
Mary A. Fasken			Odessa	TX	79761
Mary Beth Kelly Ping	2207 Masters		Missouri City	TX	77459
Mary Beth Toles Mangum	P. O. Box 99065		Lubbock	TX	79499
Mary Elmer Erickson Knox	1516 East 34th Street		Tulsa	OK	74105
Mary Helen Seaton	1815 Union Drive		Denver	CO	80215
Mary Jane Hand, First National Bank of Lubbock	Successor Trustee of J. E. Simmons Trust	P. O. Box 1241	Lubbock	TX	79408
Mary Jane Hand, First National Bank of Lubbock	Successor Trustee of Berlah H. Simmons Trust	P. O. Box 1241	Lubbock	TX	79408
Mary Joseph Trust, Texas Commerce Bank of San Angelo, Trustee	P. O. Box 5291		San Angelo	TX	76902
Mary Louise Stringer	3809 Paramount		Amarillo	TX	79109
Mary M. Smith	Box 6342		Columbia	SC	29280
Mary Megan Berg Trust, c/o Mary W. Daub, Trustee	42 West Avenue		Woodstown	NJ	8098
Mary Moran Fagan, Texas Commerce Bank N.A. Agent	Trust Minerals Sec. 63140	P. O. Box 200555	Houston	TX	77216
Mary Smith Bowers	5921 Emerson Drive		Fort Worth	TX	76148
Mary T. Christmas Holladay	P. O. Box 201204		Arlington	TX	76006
Maudie S. Smith	Route 1, Box 113A		Kelly	NC	28448
Maurine Johnson, Trustee	P. O. Box 326		Midland	TX	79702
Max W. Coll II	Route 9, Box 72F		Santa Fe	NM	87505
Michael B. Collins	P. O. Box 271		Midland	TX	79702
Wilded Nislar	P. O. Box 3398		Lubbock	TX	79452
Wildred Smith Rawls	3413 Lewis Farm Road		Raleigh	NC	27607

Adelle Burlington Estate, c/o Pansy Weaver, Administrator		1206 South Bend		Midland	TX	79702
Adelle Catherine Lamb, c/o Floyd M. Melton, Jr., Guardian		P. O. Box 534		Greenwood	MS	97068
Aders Oil Corporation		P. O. Box 272829		Houston	TX	77277
Aders Trust #1311, c/o NCNB Texas National Bank, Trustee		P. O. Box 99084		Fort Worth	TX	76199
Mrs. E. A. Kelly		2301 Tenth Street, Apt. 4		La Marque	TX	77568
Jancy Chandler		Route 4, Box 438AA		Guthrie	OK	73044
Jancy Johns Dent		2592 Woodley Road		Montgomery	AL	36111
Jancy S. Tilly Snyder, c/o Thomas Law, Hamilton Lodges & Margaret Snider, Trustees		3200 Team Bank Building	500 Throckmorton	Fort Worth	TX	76102
Nevada Childrens Foundation, c/o United NM Trust Co., Trustee		P. O. Box 1977		Roswell	NM	88202
Verne G. Perrose, ATTN: Patricia Perrose Schaeffer, Successor Trustee		c/o J. Thomas Schaeffer	201 Main Street	Fort Worth	TX	76102
Wiley Ratliff, Nancy Wallace & Joel Nislar Trust, c/o American State Bank of Lubbock & Jerry N. Nislar		P. O. Box 1401		Lubbock	TX	79408
Nina Jean Seavers Scott, Trustee, Nina Jean Seavers Scott, Grantor/ Stewart Bachman, Jr., Trustee		8 Camden Place		Corpus Christi	TX	78412
Joel C. Warwick, Texas Commerce Bank of San Angelo, Trustee		P. O. Box 5291		San Angelo	TX	76902
North Central Oil Corporation		P. O. Box 200201		Houston	TX	77216
J. L. Nislar, Jr. Trust, c/o American State Bank & Ora Lee Nislar, Co-Trustees		P. O. Box 1401		Lubbock	TX	79408
J. W. Skirvin Test Trust, c/o American National Bank Co., Trustee		P. O. Box 1089		Shawnee	OK	74801
Nieta Perkins Boyle Trust, Texas Commerce Bank of San Angelo		P. O. Box 5291		San Angelo	TX	76902
Olle Gann Cowden						
Ones Norma Rooney Will, c/o James M. Morey/Liberty National Bank & Trust		P. O. Box 3538		Tulsa	OK	74101
Ones Norman Rooney Testamentary Trust		c/o James M. Morey & The Liberty National Bank Trust #1143074008				

P.I.P. 1990 Trust	c/o Wrentham W. Iverson, Trustee	P. O. Box 10508		Midland	TX	79702
Pacific Enterprises Oil Co.		P. O. Box 97915		Dallas	TX	75397
Pansy Loosch Weaver						
Patsy Ann Iverson Page		1155 Murfrees Vista Way		La Jolla	CA	92037
Paul L. Davis, Jr.		P. O. Box 1811		Midland	TX	79702
	c/o RICH Texas National Bank, Trustee (No. 814 14)					
Paul S. Oles Trust		P. O. Box 841549		Dallas	TX	75284
Pauson Oil Company		P. O. Box 29133		San Francisco	CA	94129
Patco Limited		P. O. Box 911		Breckenridge	TX	76024
Peter Bates Tyson Estate	c/o Jont Tyson	P. O. Box 3004		Midland	TX	79702
Phillip Julian Erickson		303 Northern Boulevard		St. James	NY	11780
Phillip Lewis Lee		4371 Caruth		Fresno	CA	93705
Phoebe Strickon		P. O. Box 430		Amarillo	TX	79105
R. E. Guest, Oil Producer		P. O. Box 805		Edmond	OK	73083
R. P. Smith		214 Grande Avenue		Raleigh	NC	27608
Randolph Palmer Lee		9280 Los Cerritos Avenue		Atascadero	CA	93422
Raymond Harrison Eaton		408 North Walnut		Liberal	KS	67104
Reuel A. Young		1428 Rodeo Drive		Palm Springs	CA	92262
Richard A. Whittington		3518 Dyer Street, Suite 6		Dallas	TX	75200
Richard L. Comarrie, Jr.		155 Ocean Lane Drive, Apt. #509		Key Biscayne	FL	33149
Riffs Royalty Company	c/o Bank of Oklahoma Tulsa NA Agent	P. O. Box 1508		Tulsa	OK	74101
Robert A. Helmer, Jr.		6441 NW Grand Boulevard	Suite 600	Oklahoma City	OK	73116
Robert G. Wright	Texas Commerce Bank of San Angelo Trustee	P. O. Box 5291		San Angelo	TX	76902
Robert H. Smith		4 Sedgewood Drive		North Augusta	SC	29841
Robert Jackson Kelly III		Northwest Hills Pet Clinic	3426 Greystone Drive	Austin	TX	78731
Robert Mosbacher "A" Account		P. O. Box 201678		Houston	TX	77216
Robert Mosbacher "K" Account		P. O. Box 201678		Houston	TX	77216
Robert Mosbacher "L" Account		P. O. BOX 201678		Houston	TX	77216
Robert Mosbacher "T" Account		P. O. Box 201678		Houston	TX	77216
Robert Nislar Trust	c/o American State Bank & Ora Lee Nislar, Co-Trustees	P. O. Box 1401		Lubbock	TX	79408
Roberta Redfern Garst		P. O. Box 201678		Houston	TX	77216

Roma A. Sylent		5227 Cooper		Lincoln	NE	68506
Ronald K. DeFord		1604 Rabb Road		Austin	TX	78704
Rosa Lee Smith Johnson		3815 Yarrowdough Drive		Jacksonville	FL	32211
Rosalind Lietzold		575 Thierhill Way, Apt. 217		Carol Stream	IL	60187
Rosalind Redfern		P. O. Box 2127		Midland	TX	79702
Rosalind Redfern Grover		P. O. Box 2127		Midland	TX	79702
Ray G. Barton, Jr.		P. O. Box 978	Suite 720	Hobbs	NM	88241
Royalty Holding Company		3535 NW 58th Street		Oklahoma City	OK	73112
Rubie C. Bell		1331 Third Street		New Orleans	LA	70130
S. E. Cane, Jr.		P. O. Box 10321		Lubbock	TX	79408
S. J. Iverson, Jr.		2518 Sinclair		Midland	TX	79701
S. J. L. Jr., Trust	c/o Wendell W. Iverson, Trustee	P. O. Box 10508		Midland	TX	79702
S. P. Yates	Nationsbank of Texas, MA (successor), Escrow Agent	Yates Building	207 South Fourth Street	Artesia	NM	88210
Sabine Royalty Trust	Agent	Department 0887		Dallas	TX	75284
Sabine Royalty Trust	NCMD Texas National Bank Escrow Agent	Department 0887		Dallas	TX	75284
Saletha Isaacson		1270 Emerson		Denver	CO	80218
Sarah S. Smith		2029 Bills Drive		Jacksonville	FL	32210
SCM Trust	c/o A. L. & Mary Beth Toles Mangum	4504 Eighth Street		Lubbock	TX	79416
Sharon Antoinette Dumas		P. O. Box 578		Bella Vista	CA	96008
Shriners Hospital for Crippled Children		P. O. Box 0060		Tampa	FL	33655
Sid R. Bass, Inc.		P. O. Box 916107		Fort Worth	TX	76191
Southland Royalty Company		P. O. Box 910497		Dallas	TX	75391
Stanley W. Crosby III		P. O. Box 2346	Circle S	Roswell	NM	88202
Stephen N. James		5405 Scout Island		Austin	TX	78731
Steven R. Fine		6314 East 76th Place		Tulsa	OK	74136
Stewart Bachman, Jr.		P. O. Box 1709		Wichita Falls	TX	76307
Suda Willis Oles Trust	c/o Amarillo National Bank as Trustee	Box 1		Amarillo	TX	79105
Susan Lamb Griffith		1510 Belmont		Jackson	MS	39202
T. A. Padley, Jr.	ATTN: Thomas J. Hayes	First Interstate Bank/Denver	P. O. Box 5825	Denver	CO	80217
T. L. Wooten		Apt. F-1 Oleander Court		Wilmington	NC	28401
Texaco Producing Inc.		P. O. Box 200778		Houston	TX	77216
The Helmer Company		P. O. Box 2177		Oklahoma City	OK	73101

The New Mexico Company		P. O. Box 2479		Midland	TX	79702
The Nammensen Investment Company		11615 Strimwood Drive		Houston	TX	77024
Theodocia G. Batus		P. O. Box 1546		Aida	OK	74820
Thomas G. Voss		922 North Drive		Seymour	IN	47274
Thomas J. Gabaith Char. Tr.	Fst Inter. Bk Ac. Suc Trste Acct #48-8093 00-4	P. O. Box 25789		Okahoma City	OK	73125
Thomas W. Anderson		Suite A	5809 North Grand Boulevard	Oklahoma City	OK	73118
Thomas W. Tucker	c/o Susan L. Griffith	1510 Belmont		Jackson	MS	39202
Thru Line, Inc.		P. O. Box 916107		Fort Worth	TX	76191
TOC Gulf Coast Inc.	c/o Fina Oil & Chemical Company	P. O. Box 651339		Dallas	TX	75265
Toles Com.Ltd.		950 United Bank Plaza		Roswell	NM	
Tom R. Cone		P. O. Box 778		Jay	OK	74346
Trustee of the Estate of Charles T. Lupton	First Interstate Bank Denver	Attn: Trust Minerals	P. O. Box 5825 T A	Denver	CO	80217
United States Bureau of Land Management		P. O. Box 1449		Roswell	NM	87504
Vernice Boyle Trust	Texas Commerce Bank of San Angelo, Trustee	P. O. Box 5291		San Angelo	TX	76902
Vera K. Nelson		2000 Parsons		Costa Mesa	CA	92627
Virginia L. Brydon	c/o Portland Pyrometals	2021 Lloyd Center		Portland	OR	97232
W. L. Stuart		Route 1, Box 222 G		Tow	TX	78672
W. M. Riddle & Betty J. Riddle		1721 East 57th Street		Tulsa	OK	74105
W. T. Buffington	c/o Texas State Treasurer F/M/O	P. O. Box 12608	Capitol Station	Austin	TX	78711
W. V. Leftwich	Texas Commerce Bank of San Angelo, Trustee	P. O. Box 5291		San Angelo	TX	76902
W.W.I. 1990 Trust	c/o Wendell W. Iverson, Trustee	P. O. Box 10508		Midland	TX	79702
Warren J. Bates		P. O. Box 1357		Ada	OK	74820
Way Enterprises, Inc.		P. O. Box 1756		Midland	TX	79702
Wendell Welch Iverson		Box 1343		Midland	TX	79702
William C. Wright	Texas Commerce Bank of San Angelo	P. O. Box 5291		San Angelo	TX	76902
William Henry Eaton		1704 East Castiberry Road		Artesia	NM	88120
William M. Dittmer, Sr.		204 North Mill Street		Veedsburg	IN	47987
William Riley Eaton		1709 Raymond		Pasadena	CA	91103
William W. Carlin		P. O. Box 61		Hobbs	NM	88240
Wills Royalty Inc.		P. O. Box 1658		Carlsbad	NM	88220

SOUTH JUSTIS UNIT
ADDRESS LIST -wlc's
August 17, 1992

American Exploration Company
Attn: David Veltri
700 Louisiana, Suite 2100
Houston TX 77002-2797

American Production Partnership
c/o American Exploration Co.
2100 Republic Bank Center
700 Louisiana
Houston TX 77002-2797

Dr. Steve Anderson
908 N. Howard, Suite 106
Grand Island NE 68801

Cathie Cone Auvenshine
P.O. Box 658
Dripping Springs TX 78620

Lee M. Bass, Inc.
Sid R. Bass, Inc.
Keystone Inc.
Thru Line Inc.
c/o Bass Enterprises Prod. Co.
First City Bank
Attn: Mr. Frank McCreight
201 Main Street
Fort Worth TX 76102

J. L. Burkhardt
7134 South Yale, Suite 600
Tulsa OK 74136

James E. Burr
P.O. Box 50233
Midland TX 79710

Caspen Oil, Inc.
777 S. Wadsworth Blvd.
Irongate 3, Suite 201
Lakewood Colorado 80226

A. L. Cone Partnership
P.O. Box 3457
Lubbock TX 79452

Clifford Cone
P.O. Box 6010
Lubbock TX 79493

Mr. Douglas Cone
P.O. Box 64244
Lubbock TX 79464

J. R. Cone
P.O. Box 10217
Lubbock TX 79408

Estate of Kathleen Cone
P.O. Drawer 1509
Lovington NM 88260

Kenneth G. Cone
P.O. Box 11310
Midland TX 79702

Thomas R. Cone
P. O. Box 778
Jay OK 74346

James Davidson
P.O. Box 494
Midland TX 79702

Deltex Royalty Company, Inc.
Mining Exchange Bldg., Suite 502
P.O. Box 1778
Colorado Springs CO 80901

El Paso Natural Gas Company
P.O. Box 1492
El Paso TX 79978

Elloit Oil Company
Box 146 Suite 2 RR7
Calgary, Alberta, Canada
T2P 2G7

First Century Oil Inc.
P.O. Drawer 1518
Roswell NM 88201

First National Bank of Fort Worth
Trustee for Clifford Mooers
2007 Texas American Bank Building
Fort Worth TX 76102

First National Bank of Lubbock
Trustee for J.E. & Beulah Simmons
Attn: Mr. S. Exter
P.O. Box 1241
Lubbock TX 79408

H. B. Fuqua
First National Bank of Fort Worth
Trustees for Dolores Mooers
2007 Texas American Bank Building
Fort Worth TX 76102

Jim Gray
P.O. Box 1114
Midland TX 79702

Doyle Hartman
P.O. Box 10426
Midland TX 79702

Headington Oil Properties Inc.
P.O. Box 12919
Dallas TX 75225

Mr. Robert L. McPheron
Irene Investments, Inc.
6420-C North Santa Fe
Oklahoma City OK 73116

Betty Lou Linehan
8902 Guernsey Lane
Dallas TX 75220-3922

M W Petroleum Corp.
Attn: Mr. Dave Gilbranson
P.O. Box 4628
Houston TX 77210-9990

Joe Mabee
400 West Illinois, Suite 1500
Midland TX 79701

Mr. R.E. Pollard, Joint Interest Mgr
Marathon Oil Company
P.O. Box 552
Midland TX 79702

Patricia P. Schieffer Trust
c/o Thomas Schieffer
201 Main St. Ste 1640
Fort Worth TX 76102

Mercantile Safe Dep. & Trust Co.
Et Al Trustee U/D
Donaldson Brown A/C 1
16 W. Madison Street
Baltimore MD 21201

Ann H. Taylor
1610 N. J Street
~~Midland TX 79701~~
3033 Red Bluff Circle
San Angelo, TX 76904

Meridian Oil, Inc.
Attn: Joint Interest Engr
P.O. Box 51810
Midland TX 79710-1810

Texaco Inc.
Attn: Kent Johnson
P.O. Box 2100
Denver CO 80201

Moore's Oil Corporation
P.O. Box 272829
Houston TX 77277

Texaco Inc.
Attn: Richard N. Davis
P.O. Box 3109
Midland TX 79702

Larry Nermeyr
P.O. Box 4106
Sidney, Montana 59270

Mrs. Larry Wallace
(Collen McPheron)
#2 Violet Court
North Little Rock AR 72116

New York Life
c/o American Exploration Co.
P.O. Box 297166
Houston TX 77297

Way Enterprises
P.O. Box 1756
Midland TX 79702

ORYX Energy Co.
P.O. Box 840638
Dallas TX 75284

Pacific Enterprises Oil Co.
Attn: Mr. Cavanaugh
1700 Pacific, Suite 120C
Dallas TX 75201-4697

Barbara Lu Ratliff
Box 149
Garden City TX 79739

Charles Read
P.O. Box 1518
400 N. Penn Suite 1000
Roswell NM 88202

**Operators Within One
Mile of SJU Boundary
ADDRESS LIST
August 19, 1992**

Ambett Oil Co., Inc.
P.O. Drawer 1589
Hobbs NM 88240

J F G Enterprises
Box 100
Artesia NM 88211-0100

Lanexco Inc
310 W. Wall St.
Midland TX 79701

Amerada Hess Corp.
P.O. Box 2040
Tulsa OK 74102

Russell E. Leeser
1390 W. Ridge Rd
Littleton CO 80120

Earl R. Bruno
c/o Permian Resources
P.O. Drawer 590
Midland TX 79702

Maralo Inc.
P.O. Box 832
Midland TX 79702

Lewis B. Burleson, Inc.
P.O. Box 2479
Midland TX 79702

Merit Energy Company
12221 Merit Drive
Suite 500
Dallas TX 75251

Carr Well Service
P.O. Box 69090
Odessa TX 79767

Morexo Inc
P.O. Box 481
Artesia NM 88210

Chevron USA Inc.
P.O. Box 2264
Midland TX 79702

OXY USA Inc.
P.O. Box 1919
Midland TX 79702

Citation Oil & Gas Company
8223 Willow Place South #25
Houston TX 77070

Rice Engineering
122 W. Taylor
Hobbs NM 88240

Conoco Inc.
P.O. Box 1959
Midland TX 79702

Saba Energy Inc.
4500 W. Illinois Suite 213
Midland TX 79703

Fina Oil & Chemical
6 Desta Drive
Midland TX 79701

Tahoe Energy Inc.
4402 W. Industrial
Midland TX 79702

Geodyne Op. Company
P.O. Box 1691
Midland TX 79702

V. H. Westbrook
P.O. Box 2264
Hobbs NM 88204

**SOUTH JUSTIS UNIT
SURFACE OWNERS
ADDRESS LIST
August 19, 1992**

Benita Jean Ward Birmingham
Box 868
Eunice NM 88231

United States of America
c/o Bureau of Land Management
Santa Fe NM

Blocker Ranch
c/o Gary N. Blocker
Drawer C
Jal NM 88252

Joyce Marie Willis
P.O. Box 307
Jal NM 88252

Estate of Kathleen Cone
c/o Leon Binkley & Donna Frost
Personal Representatives
P.O. Drawer 1509
Lovington NM 88260

S. E. Cone, Jr.
P.O. Box 10321
Lubbock TX 79408

Marjorie Cone Kastman
P.O. Box 5930
Lubbock TX 79413

Katherine Cone Keck
1801 Avenue of the Stars
Los Angeles CA 90067

LeaPartners L.P.
by Sid Richardson C & G Co
General Partners
First City Bank Tower
201 Main Street
Fort Worth TX 76102

Tom and Evelyn Lineberry
P.O. Box 1536
Midland TX 79702

Nadine Owen
909 West Toas
Hobbs NM 88240

UNIT OPERATING AGREEMENT

SOUTH JUSTIS

UNIT AREA

COUNTY OF LEA

STATE OF NEW MEXICO

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1 **UNIT OPERATING AGREEMENT**
2 **SOUTH JUSTIS UNIT**
3 **Lea County, New Mexico**
4

5
6 **THIS AGREEMENT**, entered into as of the **1st day of September, 1992**.
7

8 **WITNESSETH:**
9

10 **WHEREAS**, the parties hereto as Working Interest Owners have executed an
11 agreement entitled "Unit Agreement for the Development and Operation of the
12 South Justis Unit, herein referred to as "Unit Agreement," which, among other
13 things, provides for a separate agreement to be entered into by the Working
14 Interest Owners to provide for Unit operations as therein defined;
15

16 **NOW, THEREFORE**, in consideration of the mutual agreements herein set
17 forth, it is agreed as follows:
18

19
20 **ARTICLE 1**
21

22 **Confirmation of Unit Agreement**
23

24 **1.1 Confirmation of Unit Agreement.** The Unit Agreement is hereby
25 confirmed and by reference made a part of this Agreement. The
26 definitions in the Unit Agreement are adopted for all purposes of this
27 Agreement. If there is any conflict between the Unit Agreement and
28 this Agreement, the Unit Agreement shall govern.
29

30 **1.2 Definitions.** The definitions contained in the Unit Agreement are
31 adopted for all purposes of this Agreement. In addition, the following
32 terms, when used herein, shall have the following meanings:
33

34 **1.2.1 Outside Substances** means all substances obtained from
35 any source other than the Unitized Formation and which
36 are injected into the Unitized Formation.
37

38 **1.2.2 Unit Production** means all Unitized Substances produced
39 and saved from the Unitized Formation.
40

41 **1.2.3 Oil and Gas** means not only oil and gas as such in
42 combination one with the other but means oil, gas,
43 casinghead gas, casinghead gasoline, condensate, or other
44 hydrocarbons or associated minerals, or any combination
45 thereof.
46

47 **1.2.4 Oil and Gas Rights** means the right to explore, develop
48 and operate lands within the Unit Area for the production of
49 Unitized Substances, or to share in the production so
50 obtained or the proceeds thereof.
51

52 **1.2.5 Lessee or Working Interest Owner** means an owner of a
53 Working Interest, as defined in the Unit Agreement.
54

55 **1.2.6 Royalty Owner** means an owner of a Royalty Interest as
56 defined in the Unit Agreement.
57

- 1.2.7 **Unit Participation** of each Lessee means the sum of the percentages obtained by multiplying the Working Interest of such Lessee in each Tract by the Tract Participation of such Tract and is set forth in Exhibit "D" hereto.
- 1.2.8 **Unit Operations** means all operations conducted by the Unit Operator pursuant to the Unit Agreement and this Agreement.
- 1.2.9 **Unit Equipment** is all personal property, lease and well equipment, plants and other facilities and equipment taken over or otherwise acquired for the joint account for use in Unit Operations.
- 1.2.10 **Unit Expense** means all cost, expense or indebtedness incurred by the Unit Operator pursuant to the Unit Agreement and this Agreement.
- 1.2.11 **Person** means any individual, corporation, partnership, common law or statutory trust, association of any kind, the State of Wyoming or any subdivision or agency thereof acting in a proprietary capacity, guardian, executor, administrator, fiduciary of any kind, or any entity capable of holding an interest in the Unit Area.

ARTICLE 2

Exhibits

- 2.1 **Exhibits.** The following exhibits are incorporated herein by reference or attachment:
- 2.1.1 **Exhibit A, B, and C** of the Unit Agreement being the Plat of the Unit Area, the Description and Ownership of the Unit Area, and the Tract Participation within the Unit Area, respectively.
- 2.1.2 **Exhibit D**, attached hereto, is a schedule showing the Working Interest owned by each Working Interest Owner in each Tract, and the total Unit Ownership of each Working Interest Owner.
- 2.1.3 **Exhibit E**, attached hereto, is the Accounting Procedure applicable to Unit Operations. If there is any conflict between this Agreement and Exhibit E, this Agreement shall govern.
- 2.1.4 **Exhibit F**, attached hereto, contains insurance provisions applicable to Unit Operations.
- 2.1.5 **Exhibit G**, attached hereto, contains the Equal Opportunity Clause applicable to Unit Operations.
- 2.1.6 **Exhibit H**, attached hereto, contains the Gas Balancing Agreement applicable to Unit Operations.

1 **2.2 Reference to and Revision of Exhibits.** When reference is made
2 herein to an exhibit, it is to the original exhibit or, if revised, to the
3 last revision. Whenever Exhibits A, B, or C are revised, Unit Operator
4 shall also revise Exhibit D as necessary to conform to changes in
5 ownership of which Unit Operator has been notified as provided in the
6 Unit Agreement.

7
8
9 **ARTICLE 3**

10
11 ***Supervision of Operations By Working Interest Owners***

12
13 **3.1 Overall Supervision.** Working Interest Owners shall exercise overall
14 supervision and control of all matters pertaining to Unit Operations.
15 In the exercise of such authority, each Working Interest Owner shall
16 act solely in its own behalf in the capacity of an individual owner and
17 not on behalf of the owners as an entity.

18
19 **3.2 Specific Authority and Duties.** The matters with respect to which
20 Working Interest Owners shall decide and take action pursuant to
21 Section 4.3 shall include, but not be limited to, the following:

22
23 **3.2.1 Method and Plans of Operation.** The method of
24 operation, including the type of pressure maintenance or
25 recovery program to be employed subject to approval of the
26 AO.

27
28 **3.2.2 Drilling of Wells.** The drilling, deepening or sidetracking
29 of any well whether for production of Unitized Substances,
30 for use as an injection well, or for other purposes.

31
32 **3.2.3 Well Abandonment, Use and Conversion.** The
33 abandonment of any well; the use of any well for injection,
34 salt water disposal, or for any purpose other than
35 production; or the conversion of the use of any well from one
36 purpose to another. The reactivation of a well which was
37 shut-in or temporarily abandoned to its former use by Unit
38 Operator shall not require prior approval of Working
39 Interest Owners if the estimated expenditure is less than
40 the expenditure limitation specified in Section 3.2.4.

41
42 **3.2.4 Expenditures.** The making of any single expenditure in
43 excess of Fifty Thousand Dollars (\$50,000.00); however
44 approval by Working Interest Owners of the drilling,
45 reworking, deepening, or plugging back of any well shall
46 include approval of all necessary expenditures required
47 therefor, and for completing, testing, and equipping the
48 well, including necessary flow lines, separators, and lease
49 tankage.

50
51 **3.2.5 Disposition of Unit Equipment.** The selling or otherwise
52 disposing of any item of surplus Unit Equipment, if the
53 current price of new equipment similar thereto is in excess
54 of Twenty-Five Thousand Dollars (\$25,000.00).

55
56 **3.2.6 Appearance Before a Court or Regulatory Agency.** The
57 designating of a representative to appear before any court

1 or regulatory agency in matters pertaining to Unit
2 Operations; however, Unit Operator shall act as such
3 representative in the absence of the designation of a
4 different representative by Working Interest Owners. Such
5 designation shall not prevent any Working Interest Owner
6 from appearing in person or from designating another
7 representative in its own behalf.
8

9 3.2.7 **Audits.** The auditing of the accounts of Unit Operator
10 pertaining to Unit Operations hereunder; however, the
11 audits shall
12

- 13 (a) not be conducted more than once each year except
14 upon the resignation or removal of Unit Operator,
15 and
16
17 (b) be made upon the approval of the owner or owners
18 of a majority of Working Interest other than that of
19 Unit Operator, at the expense of all Working
20 Interest Owners other than Unit Operator, or
21
22 (c) be made at the expense of those Working Interest
23 Owners requesting such audit, if owners of less
24 than a majority of Working Interest, other than
25 that of Unit Operator, request such an audit, and
26
27 (d) be made upon not less than thirty (30) days written
28 notice to Unit Operator.
29

30 3.2.8 **Audit Exceptions.** The settlement of unresolved audit
31 exceptions.
32

33 3.2.9 **Inventories.** The taking of periodic inventories as provided
34 by Exhibit E.
35

36 3.2.10. **Amendment of Overhead Rates.** The amendment of the
37 overhead rates provided in Section III of Exhibit "E".
38

39 3.2.11 **Technical Services.** The authorizing of charges to the
40 joint account for services by consultants or Unit Operator's
41 technical personnel not covered by the charges provided by
42 Exhibit "E".
43

44 3.2.12 **Assignments to Committees.** The appointment of
45 committees to study any problems in connection with Unit
46 Operations.
47

48 3.2.13 **Removal of Operator.** The removal of Unit Operator and
49 the selection of a successor.
50

51 3.2.14 **Changes and Amendments.** The changing of the Unit
52 Area or the amending of this Agreement or the Unit
53 Agreement as provided by Article 11 of the Unit Agreement.
54

55 3.2.15 **Investment Adjustment.** The adjustment and
56 readjustment of investments.

- 1 3.2.16 **Border Agreements.** The entering into of Border
2 Agreements.
3
4 3.2.17 **Termination of Unit Agreement.** The termination of the
5 Unit Agreement as provided therein.
6
7

8 **ARTICLE 4**

9
10 ***Manner of Exercising Supervision***

- 11
12 4.1 **Designation of Representatives.** Each Working Interest Owner
13 shall inform Unit Operator in writing of the names and addresses of
14 the representative and alternate who are authorized to represent and
15 bind such Working Interest Owner with respect to Unit Operations.
16 The representative or alternate may be changed from time to time by
17 written notice to Unit Operator.
18
19 4.2 **Meetings.** All meetings of Working Interest Owners shall be called by
20 Unit Operator upon its own motion or at the request of one or more
21 Working Interest Owners having a total Unit Participation of not less
22 than ten percent (10%). No meeting shall be called on less than
23 fourteen (14) days' advance written note, and any meeting called must
24 have a written agenda for the meeting attached. Working Interest
25 Owners who attend the meeting may amend items included in the
26 agenda and may act upon an amended item or other items presented
27 at the meeting. The representative of Unit Operator shall be chairman
28 of each meeting.
29
30 4.3 **Voting Procedure.** Working Interest Owners shall determine all
31 matters coming before them as follows:
32
33 4.3.1 **Voting Interest.** Each Working Interest Owner shall have
34 a voting interest equal to its Unit Participation.
35
36 4.3.2 **Vote Required.** Unless otherwise provided herein or in the
37 Unit Agreement, Working Interest Owners shall determine
38 all matters by the affirmative vote of Working Interest
39 Owners having a combined voting interest of at least
40 seventy-five percent (75%); however, should any one
41 Working Interest Owner have more than twenty-five percent
42 (25%) voting interest, its negative vote or failure to vote
43 shall not defeat a motion and such motion shall pass if
44 approved by Working Interest Owners having a majority
45 voting interest, unless two or more additional Working
46 Interest Owners having a combined voting interest of at
47 least five percent (5%) likewise vote against the motion or
48 fail to vote.
49
50 4.3.3 **Vote at Meeting by Non-attending Working Interest**
51 **Owner.** Any Working Interest Owner who is not
52 represented at a meeting may vote on any agenda item by
53 letter, telegram or facsimile transmission addressed to the
54 representative of Unit Operator if its vote is received prior to
55 the submission of such item to vote at the meeting. Such
56 vote will not be counted with respect to any item on the
57 agenda which is amended at the meeting.

1
2 4.3.4 **Poll Votes.** Working Interest Owners may vote by letter,
3 telegram or facsimile transmission on any matter submitted
4 in writing to all Working Interest Owners. If no meeting is
5 requested, as provided in Section 4.2, within fourteen (14)
6 days, including holidays and weekends, after a written
7 proposal is sent to Working Interest Owners, the vote taken
8 by letter, telegram or facsimile transmission shall control.
9 Unit Operator shall give prompt notice of the results of such
10 voting to each Working Interest Owner.

11
12 4.3.5 **Binding Effect of Vote.** All Working Interest Owners
13 shall be bound for their proportionate share of all costs and
14 expenses of unit Operations approved by the Working
15 Interest Owners by the vote required herein.
16

17 18 ARTICLE 5

19 20 *Individual Rights of Working Interest Owners*

21
22 5.1 **Reservation of Rights.** Working Interest Owners severally reserve
23 to themselves all their rights, powers, authority and privileges, except
24 as expressly otherwise provided in this Agreement and in the Unit
25 Agreement.

26
27 5.2 **Specific Rights.** Each Working Interest Owner shall have, among
28 others, the following specific rights:

29
30 5.2.1 **Access to Unit Area.** Access to the Unit Area at all
31 reasonable times to inspect Unit Operations, all wells, and
32 the records and data pertaining thereto.

33
34 5.2.2 **Reports.** The right to receive from Unit Operator, upon
35 written request, copies of all reports to any governmental
36 agency, reports of crude oil runs and stocks, inventory
37 reports, and all other information pertaining to Unit
38 Operations. The cost of gathering and furnishing
39 information **not** ordinarily furnished by Unit Operator to all
40 Working Interest Owners shall be charged to the Working
41 Interest Owner that requests the information.
42

43 5.3 **Taking Unitized Substances in Kind.** The Unitized Substances
44 allocated to each Tract shall be taken in kind by the parties entitled
45 thereto by virtue of their ownership of Oil and Gas Rights therein or
46 by purchase from such owners. Such parties shall have the right at
47 their sole cost and expense to construct, maintain, and operate within
48 the Unit Area all necessary facilities for that purpose, provided that
49 they are so constructed, maintained, and operated as not to interfere
50 with Unit Operations. Any extra expenditures incurred by Unit
51 Operator by reason of the delivery in kind of any portion of the
52 Unitized Substances shall be borne by the taking party. If a Royalty
53 Owner has the right to take in kind a share of Unitized Substances
54 and fails to do so, the Working Interest Owner whose Working Interest
55 is subject to such Royalty Interest shall be entitled to take in kind such
56 share of the Unitized Substances.
57

1 **5.4 Failure to Take in Kind.** If any party fails to take in kind or
2 separately dispose of its share of Unitized Substances, Unit Operator
3 shall have the right but not the obligation, subject to revocation at will
4 by the party owning the share, to purchase for its own account for not
5 less than the same price the Unit Operator receives **in an arms**
6 **length transaction** for its own Unit production at the Unit; provided
7 that all contracts of sale by Unit Operator of any other party's share of
8 Unitized Substances shall be only for such reasonable periods of time
9 as are consistent with the minimum needs of the industry under the
10 circumstances, but in no event shall any such contract be for a period
11 in excess of one (1) year. The proceeds of the Unitized Substances so
12 disposed of by Unit Operator shall be paid to the party entitled thereto
13 on an individual Tract basis in accordance with applicable laws and
14 regulations.

15
16 **5.5 No Sharing of Market.** Nothing herein shall be construed to provide
17 directly or indirectly for any cooperative refining, joint sale or
18 marketing of Unit Production.

19
20 **5.6 Reversionary Interest.** When a Tract ownership **will change** due to
21 the payout (or multiple **payouts**) of a well within the Unit, the
22 balance remaining to be recovered will be calculated on an allocated
23 Tract basis after the effective date of the Unit. Payout will be deemed
24 to occur the first day following the time that payout **occurs**.

25 26 27 **ARTICLE 6**

28 29 **Unit Operator**

30
31 **6.1 Unit Operator.** Atlantic Richfield Company is designated as the
32 initial Unit Operator.

33
34 **6.2 Resignation or Removal.** Unit Operator may resign at any time.
35 Unit Operator may be removed for cause, at any time, by the
36 affirmative vote of two or more Working Interest Owners representing
37 eighty percent (80%) or more of the Working Interest after excluding
38 the interest of the Unit Operator. Such resignation or removal shall
39 not become effective for a period of three (3) months after the
40 resignation or removal, unless a successor Unit Operator has taken
41 over Unit Operations prior to the expiration of such period. Unit
42 Operator shall be deemed to have resigned if it no longer owns a
43 working interest in the unit area, effective as of the date of transfer of
44 such working interest. In the event Unit Operator contracts to sell all
45 of its working interest in the unit area to a party not a subsidiary,
46 parent or sister corporation, then Unit Operator may require a vote to
47 elect a successor Unit Operator. Such vote (i) shall be conducted as if
48 Unit Operator had resigned, (ii) shall become effective only if the sale
49 of Unit Operator's Working Interest is consummated, (iii) may include
50 Unit Operator's intended transferee as a nominee for successor Unit
51 Operator, and (iv) shall take Unit Operator's voting percentage into
52 account, with Unit Operator being permitted to vote for its intended
53 transferee. A transfer of Unit Operator's Working Interest to a
54 subsidiary, parent or sister corporation shall not be deemed a
55 resignation. However, should a transfer of Unit Operator's Working
56 Interest be made to a subsidiary, parent or sister corporation, the Unit

Operator upon written request shall supply documentation supporting financial stability of said subsidiary, parent or sister corporation.

6.3 Selection of Successor. Upon the resignation or removal of Unit Operator, a successor Unit Operator shall be selected by Working Interest Owners. In selecting a successor Unit Operator, the affirmative vote of three (3) or more Working Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as sufficient unless supported by the vote of two or more other Working Interest Owners having a total Unit Participation of at least five percent (5%). If the Unit Operator who is removed votes only to succeed itself or fails to vote, the successor Unit Operator may be selected by the affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation remaining after excluding the Unit Participation of Unit Operator so removed.

ARTICLE 7

Authority and Duties of Unit Operator

- 7.1 Exclusive Right to Operate Unit.** Subject to the provisions of this Agreement, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.
- 7.2 Workmanlike Conduct.** Unit Operator shall conduct Unit Operations in a good and workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with Working Interest Owners and keep them informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Working Interest Owners for damages, unless such damages result from its gross negligence or willful misconduct.
- 7.3 Liens and Encumbrances.** Unit Operator shall endeavor to keep the lands and leases in the Unit Area and Unit Equipment free from all liens and encumbrances occasioned by Unit Operations, except those provided for in Article 11.
- 7.4 Employees.** The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours of labor, and compensation shall be determined by Unit Operator.
- 7.5 Records.** Unit Operator shall keep correct books, accounts, and records of Unit Operations.
- 7.6 Reports to Working Interest Owners.** Unit Operator shall furnish Working Interest Owners periodic reports of Unit Operations.
- 7.7 Reports to Governmental Authorities.** Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

7.8 Engineering and Geological Information. Unit Operator shall furnish to a Working Interest Owner, upon written request, a copy of all logs and other engineering and geological data pertaining to wells drilled for Unit Operations.

7.9 Expenditures. Unit Operator is authorized to make single expenditures not in excess of Fifty Thousand Dollars (\$50,000.00) without prior approval of Working Interest Owners. In the event of an emergency, Unit Operator may immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Working Interest Owners, as promptly as possible, the nature of the emergency and the action taken.

7.10 Wells Drilled by Unit Operator. All wells drilled by Unit Operator shall be at the usual rates prevailing in the area. Unit Operator may employ its own tools and equipment, but the charge therefor shall not exceed the usual rates prevailing in the area, and the work shall be performed by Unit Operator under the same terms and conditions as are usual in the area in contracts of independent contractors doing work of a similar nature.

7.11 Border Agreements. Unit Operator may, after determination of the need therefor by Working Interest Owners in accordance with the voting procedure set forth in Article 4, enter into border agreements with respect to lands adjacent to the Unit Area including those owned or operated by Unit Operator for the purpose of coordinating operations. Any border agreement negotiated by the Unit Operator must be approved by Working Interest Owners in accordance with the voting procedure set forth in Article 4. Failure to respond within sixty (60) days of receipt of a written request for approval will constitute approval.

ARTICLE 8

Taxes

8.1 **Property Taxes.** Beginning with the first calendar year after the Effective Date hereof, Unit Operator shall make and file any necessary property tax renditions and returns with the proper taxing authorities with respect to all property of each Working Interest Owner used or held by Unit Operator for Unit Operations. Annually, prior to the rendition date, each Working Interest Owner shall furnish Unit Operator information regarding the burdens (including without limitation, royalties, overriding royalties, production payments, etc.) and taxable and non-taxable interests on oil and gas leases and/or interests contributed by that Working Interest Owner. Unit Operator, after notice to the Working Interest Owners, may appeal any tax assessment considered improper, or shall settle assessments arising therefrom. Expenses incurred in any appeal or settlement shall be charged to the joint account. All such property taxes shall be paid by Unit Operator and charged to the joint account; however, if the interest of a Working Interest Owner is subject to a separately assessed overriding royalty interest, production payment, or other interest in excess of a one-eighth (1/8) royalty, such Working Interest Owner shall be given credit for the reduction in taxes paid resulting therefrom.

1
2 **8.2 Other Taxes.** Each Working Interest Owner shall pay or cause to be
3 paid all production, severance, gathering, and other taxes imposed
4 upon or with respect to the production or handling of its share of
5 Unitized Substances.
6

7 **8.3 Income Tax Election.** Notwithstanding any provision herein that
8 the rights and liabilities hereunder are several and not joint or
9 collective, or that this Agreement and operations hereunder shall not
10 constitute a partnership, if for Federal income tax purposes this
11 Agreement and the operations hereunder are regarded as a
12 partnership, then each Person hereby affected elects to be excluded
13 from the application of all of the provisions of Subchapter K, Chapter
14 1, Subtitle A, of the Internal Revenue Code of 1986, as permitted and
15 authorized by Section 761 of the Code and the regulations
16 promulgated thereunder. Unit Operator is authorized and directed to
17 execute on behalf of each Person hereby affected such evidence of this
18 election as may be required by the Secretary of the Treasury of the
19 United States or the Federal Internal Revenue Service, including
20 specifically, but not by way of limitation, all of the returns, statements,
21 and the data required by Federal Regulations 1.761-1(a). Should there
22 be any requirement that each Person hereby affected give further
23 evidence of this election, each such Person shall execute such
24 documents and furnish such other evidence as may be required by the
25 Federal Internal Revenue Service or as may be necessary to evidence
26 this election. No such Person shall give any notices or take any other
27 action inconsistent with the election made hereby. If any present or
28 future income tax law of the United States contain provisions similar
29 to those in Subchapter K, Chapter 1, Subtitle A, of the Internal
30 Revenue Code of 1986, under which an election similar to that
31 provided by Section 761 of the Code is permitted, each Person hereby
32 affected shall make such election as may be permitted or required by
33 such laws. In making the foregoing election, each such Person states
34 that the income derived by such Person from Unit Operations can be
35 adequately determined without the computation of partnership
36 taxable income.
37

38 39 **ARTICLE 9**

40 41 ***Insurance***

42
43 **9.1 Insurance.** Unit Operator, with respect to Unit Operations, shall:

- 44
45 (a) provide insurance or other protection as set forth in Exhibit
46 "F".
47

48 49 **ARTICLE 10**

50 51 ***Adjustment of Investments***

52
53 **10.1 Property Taken Over.** Upon the Effective Date, Working Interest
54 Owners shall deliver to Unit Operator the following:

- 55
56 10.1.1 **Wells and Well Equipment.** All useable wells as defined
57 in Article 10.1.6 in the Unitized Formation together with the

casing, tubing, and downhole equipment **therein** up to and including all well head connections.

10.1.2 **Lease and Operating Equipment.** All lease and operating equipment, salt water disposal wells and facility systems related to the Unitized Formation which Working Interest Owners determine to be necessary or desirable for conducting Unit Operations, or

10.1.2.1 Unit Operator deems necessary for the temporary convenience of the Unit. This shall include, but is not limited to, nonuseable wells (**those not "Useable" pursuant to Article 10.1.6) that are completed in the Unitized Formation and capable** of producing Unitized Substances. This equipment shall be retained on a loan basis for a period of time not to exceed eighteen (18) months. If this equipment is not returned within the period provided the Unit will purchase it at the same evaluation as the original inventory. The Unitized Formation will be abandoned per State requirements prior to return of nonuseable wells.

10.1.3 **Demand Wells.** Upon the Effective Date of Unitization, or within two (2) years thereafter as demanded by the Unit Operator pursuant to the Unit plan of operations, Working Interest Owners will provide a useable wellbore, as defined in Article 10.1.6, on each forty acres which would constitute a proration unit within the Unit Area. If any such forty acres is not provided with a useable wellbore upon demand, the owner or owners contributing the forty acre location shall have the option for ninety (90) days to provide a useable wellbore. If a useable wellbore is not provided within the ninety (90) day period, the owner or owners contributing the forty acre location shall within 10 days of the end of such ninety (90) day period remit the sum of **One Hundred Eighty Thousand Dollars (\$180,000)** to the Unit Operator to be applied toward the cost of drilling, completing, and equipping a well on the deficient forty acre location. All costs of drilling, completing, and equipping the well in excess of the **\$180,000** shall be charged to the joint account to be shared by all owners in proportion to their respective Unit Participation percentage. In the event that an owner or owners fail to provide a required useable wellbore, and fail to pay the assessed **\$180,000** for each wellbore deficient location within the required time period, such owner or owners shall be in default of payment, and action shall be initiated in accordance with provisions of Article 11.5 of this Agreement.

10.1.4 **Exception to Demand Well Requirement.** Any forty acre proration unit which has not contributed oil production from the Unitized Formation for purposes of the Tract Participation formula of Section 13 of the Unit Agreement will not be subject to the requirements of Article 10.1.3 above.

1
2 10.1.5 **Additional Non-Demand Wells.** The Unit may accept
3 additional wellbores on non-demand well 40-acre proration
4 Units. Wellbores accepted without warranty of useable
5 condition will be accepted without compensation to the
6 owner(s) dedicating the wellbore to the Unit. Such wells
7 will be accepted by the Unit only if cost estimates to
8 workover or complete the wellbore in the unitized interval is
9 less than the cost estimate to drill and complete a new well.

10
11 The Unit may also offer to purchase alternate wellbores on
12 non-demand well 40-acre proration Units for **\$180,000**
13 each. Wellbores purchased by the Unit will be subject to
14 warranty of useable condition by the owner(s) dedicating
15 them to the Unit. Wellbores that will not benefit Unit
16 operations will not be purchased or accepted.

17
18 10.1.6 **Useable Wellbore Definition.** Useable wellbores are
19 defined as wells with status as follows:

- 20
21 (a) Wells active on Effective Date of Unitization will be
22 accepted as useable if no zones other than the
23 Unitized Formation are open and upon first entry by
24 the Unit Operator the wellbore passes both a casing
25 integrity test, defined as pressure testing to 500 psi
26 for 30 minutes with a 10% tolerance (hereinafter
27 "casing integrity test"), and a Bradenhead Integrity
28 Test, defined as a test to insure there is no gas or
29 liquid flow nor any sustained pressure from any
30 casing annulus (hereinafter "Bradenhead Test") or
31 in accordance with the State policies for casing
32 integrity and Bradenhead tests at the time of
33 unitization. It is the responsibility of the present
34 operator of each well to be included in the Unit, to
35 install the risers and valves necessary to perform a
36 Bradenhead Test. If zones above the Unitized
37 Formation are open, the non-unitized zones must be
38 cement squeezed to isolate the Unitized Formation,
39 pressure tested to 500 psi for 30 minutes (with a
40 10% tolerance) or in accordance with the State policy
41 at the time of unitization, and cement in the
42 production casing drill out.
- 43
44 (b) Wells closed-in or temporarily abandoned on
45 Effective Date of Unitization will be accepted as
46 useable if no zones other than the Unitized
47 Formation are open (as above) and the well is clear
48 and free of obstructions from the surface to the
49 depth of deepest production, **or to the latest**
50 **plugged back total depth**, in the Unitized
51 Formation prior to being closed in. The well must
52 pass a casing integrity test and a Bradenhead Test
53 on or before first entry by the Unit Operator.
- 54
55 (c) Currently plugged and abandoned or recompleted
56 wells that have previously produced from the
57 Unitized Formation will be accepted as useable if

1 they are restored to the Unitized Formation's last
2 producing completion interval, are not open in non-
3 unitized zones, are clear and free of obstructions
4 from the surface to the latest plugged back total
5 depth prior to cessation of production, and pass a
6 casing integrity test and a Bradenhead Test upon
7 first entry by the Unit Operator.

- 8
9 (d) Alternate wells from existing wellbores will be
10 accepted as useable if all non-unitized zones have
11 been abandoned (deeper zones plugged back with a
12 cast iron bridge plug or cement retainer capped with
13 35 feet of cement and pressure tested to 500 psi;
14 shallower zones squeeze cemented, cement drilled
15 out in the production casing and pressure tested),
16 they penetrate the Unitized Formation, have
17 sufficient casing size (5-1/2") to be deepened or have
18 at least (4-1/2") casing set in the Unitized
19 Formation, are adequately cemented and pass a
20 casing integrity test and a Bradenhead Test upon
21 first entry by the Unit Operator.

22
23 10.1.7 **Wellbores Made Useable.** After the Effective Date of
24 Unitization, but prior to time limitation as described in
25 Article 10.1.8 hereinbelow, the Unit Operator will notify
26 wellbore owners of **demand** wells that are determined not to
27 be in "Useable Condition". Within fifteen (15) days of said
28 notification, wellbore owners must advise the Unit Operator
29 of their proposed plan to make the well "Useable". Wellbore
30 owners may elect to perform workover operations to attempt
31 to make a deficient well "Useable", but the Unit Operator
32 reserves the right to review and approve any of the
33 workover procedure(s). The Unit Operator must be notified
34 at least five (5) days prior to commencement of workover
35 operations and his representative permitted to witness the
36 operations. If the wellbore owners performing said
37 workover operations fail to deliver a "Useable" wellbore **in**
38 **accordance with Article 10:1.6** within forty-five (45)
39 days of the original notification from the Unit Operator,
40 they shall abandon the Unitized Formation per State
41 requirements and within ten (10) days remit the sum of **One**
42 **Hundred Eighty Thousand Dollars (\$180,000.00)** to the
43 Unit Operator in lieu of the demand well. The Working
44 Interest Owners will not be liable for any cost or expense
45 when work is performed by wellbore owners.

46
47 Wellbore owners may request that remedial work required
48 to make a **demand** wellbore "Useable" be performed by the
49 Unit Operator. Following any such written request, the Unit
50 Operator will review wellbore records to determine
51 appropriate procedures and cost estimates. Should the Unit
52 Operator determine the required remedial work is
53 technically feasible and can be performed on a timely basis,
54 then the Unit Operator may, at its sole discretion, agree to
55 perform the required work. The wellbore owners shall bear
56 the sole cost, risk, and expense of such remedial work, up to
57 a maximum of **One Hundred Eighty Thousand Dollars**

1 (\$180,000.00). If the Unit Operator estimates that such
2 remedial work will cost in excess of **One Hundred Eighty**
3 **Thousand Dollars (\$180,000.00)**, an AFE for the amount
4 of said excess will be submitted to Working Interest Owners
5 for their approval prior to the start of the remedial work,
6 with the excess amount being charged to the joint account.
7

8 10.1.8 Wellbores Accepted as "Useable Wellbores". Any wellbore
9 dedicated to the Unit shall not be accepted as a "Useable Wellbore"
10 until it can be entered by the Unit Operator and assessed pursuant to
11 Article 10.1.6. Any well not so assessed within two (2) years
12 following the effective date of unitization shall then be deemed a
13 "Useable Wellbore". Wellbore owners may, at their own expense,
14 cause a test to be performed establishing a wellbore acceptable as a
15 "Useable Wellbore" after the effective date of the Unit. The test
16 procedure must be approved and the test witnessed by the Unit
17 Operator as provided for in Article 10.1.7 herein.
18

19 10.1.9 Records. A copy of all production and well records for such
20 wells.
21

22 **10.2 Inventory and Evaluation of Personal Property**. Working
23 Interest Owners shall appoint an inventory committee which shall, as
24 of the Effective Date hereof, or as soon thereafter as feasible, cause to
25 be taken, under the supervision of the Unit Operator and at Unit
26 Expense, joint physical inventories of lease and well equipment within
27 the Unit Area, which inventories shall be used as a basis for
28 determining the controllable items of equipment to be taken over by
29 the Unit Operator hereunder. The Unit Operator shall notify each
30 Working Interest Owner within each separate Tract at least fifteen
31 (15) days prior to the taking of the inventory with respect to said
32 Tract, so that each of said Working Interest Owners may make
33 arrangements to be represented at the taking of the inventory. Such
34 inventories shall exclude all items not of use and value to the Unit and
35 not necessary to Unit operations. Such inventories shall include and
36 be limited to those items of equipment normally considered
37 controllable as recommended in the material classification manual in
38 Bulletin No. 6 dated May 1971, or any amendments thereto, published
39 by the Petroleum Accountants Society of North America, except that
40 certain items normally considered noncontrollable, such as sucker rods
41 and other items as agreed upon by the Working Interest Owners may
42 be included in the inventories in order to insure a more equitable
43 adjustment of investments. Immediately following completion, such
44 inventories shall be priced in accordance with the provision of Exhibit
45 "E", Accounting Procedure, attached hereto and made a part hereof;
46 such pricing shall be performed under the supervision of, by the
47 personnel of and in the offices of the Unit Operator, with Working
48 Interest Owners furnishing such additional pricing help as may be
49 available and it is specifically provided that with respect to each well
50 taken over for Unit Operations, no value shall be assigned to
51 intangible drilling costs of such well or to the down-hole casing
52 therein.
53

54 **10.2.1 Inventory and Valuations**. After completion of the
55 inventory and evaluation of property in accordance with the
56 provisions of Section 10.2, Unit Operator shall submit to
57 each Working Interest Owner a copy of the inventory and

1 valuations thereon together with a letter ballot for approval
2 of such inventory and valuations each Working Interest
3 Owner shall return such letter ballot to Unit Operator
4 indicating its approval or disapproval thereof. It is agreed
5 that such inventory and valuations shall be binding upon all
6 parties if approved by Working Interest Owners owning at
7 least sixty-five percent (65%) of the Working Interest in the
8 Unit Area.

9
10 **10.3 Investment Adjustment.** Upon approval by Working Interest
11 Owners of the inventory and evaluation, each Working Interest Owner
12 shall be credited with the value of its interest in all wells and
13 equipment taken over under Section 10.1, and shall be charged with
14 an amount equal to that obtained by multiplying the total value of all
15 wells and equipment taken over under Section 10.1 by such Working
16 Interest Owner's Unit Participation. If the charge against any
17 Working Interest Owner is greater than the amount credited to such
18 Working Interest Owner, the resulting net charge shall be an item of
19 Unit Expense chargeable against such Working Interest Owner. If the
20 credit to any Working Interest Owner is greater than the amount
21 charged against such Working Interest Owner, the resulting net credit
22 shall be paid to such Working Interest Owner by Unit Operator out of
23 funds received by it in settlement of the net charges described above.

24
25 **10.4 General Facilities.** The acquisition of warehouses, warehouse stocks,
26 lease houses, camps, facility systems, and office buildings necessary
27 for Unit Operations shall be by negotiation by the owners thereof and
28 Unit Operator, subject to the approval of Working Interest Owners.
29 There shall be no adjustments for lease roads or appurtenances
30 thereto.

31
32 **10.5 Ownership of Property and Facilities.** Each Working Interest
33 Owner, individually, shall by virtue hereof own an undivided interest,
34 equal to its Unit Participation in all wells, equipment, and facilities
35 taken over or otherwise acquired by Unit Operator pursuant to this
36 Agreement.

37 38 39 **ARTICLE 11**

40 41 ***Unit Expense***

42
43 **11.1 Basis of Charge to Working Interest Owners.** Unit Operator
44 initially shall pay all Unit Expense. Each Working Interest Owner
45 shall reimburse Unit Operator for its share of Unit Expense. Each
46 Working Interest Owner's share shall be the same as its Unit
47 Participation. All charges, credits, and accounting for Unit Expense
48 shall be in accordance with Exhibit "E".

49 **11.2 Budgets.** Before or as soon as practical after the Effective Date, Unit
50 Operator shall prepare a budget of estimated Unit Expense for the
51 remainder of the calendar year, and thereafter shall prepare budgets,
52 no more frequently than annually, as determined by Working Interest
53 Owners. Budgets shall be estimates only, and shall be adjusted or
54 corrected by Working Interest Owners and Unit Operator whenever an
55 adjustment or correction is proper. A copy of each budget and adjusted
56 budget shall be furnished promptly to each Working Interest Owner.

1 **11.3 Advance Billings.** Unit Operator shall have the right to require
2 Working Interest Owners to advance their respective shares of
3 estimated Unit Expense as provided by Exhibit "E".
4

5 **11.4 Commingling of Funds.** Funds received by Unit Operator under
6 this Agreement need not be segregated or maintained by it as a
7 separate fund, but may be commingled with its own funds.
8

9 **11.5 Unpaid Unit Expense.** If any Working Interest Owner fails or is
10 unable to pay its share of Unit Expense within sixty (60) days after
11 rendition of a statement therefor by Unit Operator, the non-defaulting
12 Working Interest Owners shall, upon request by Unit Operator, pay
13 the unpaid amount as if it were Unit Expense in the proportion that
14 the Unit Participation of each such non-defaulting Working Interest
15 Owner bears to the Unit Participation of all such non-defaulting
16 Working Interest Owners. Each Working Interest Owner so paying its
17 share of the unpaid amount shall, to obtain reimbursement thereof, be
18 subrogated to the security rights described in Section 11.6 of this
19 Agreement. While in default, any such defaulting Working Interest
20 Owner forfeits his voting rights **and such rights will** be shared
21 proportionately by the non-defaulting Working Interest Owners.
22

23 **11.6 Security Rights.** In addition to any other security rights and
24 remedies provided for by the laws of this State with respect to services
25 rendered or materials and equipment furnished under this Agreement,
26 Unit Operator shall have a first and prior lien upon the Working
27 Interest of each Working Interest Owner, including the Unitized
28 Substances and Unit Equipment credited thereto, in order to secure
29 payment of the Unit Expense charged against such Working Interest,
30 together with interest thereon at the rate set forth in Exhibit "E" or
31 the maximum rate allowed by law, whichever is less. To the extent
32 that Unit Operator has a security interest under the Uniform
33 Commercial Code of the State, Unit Operator shall be entitled to
34 exercise the rights and remedies of a secured party under the Code.
35 The bringing of a suit and the obtaining of judgment by Unit Operator
36 for the secured indebtedness shall not be deemed an election of
37 remedies or otherwise affect the lien rights or security interest as
38 security for the payment of defaulting Working Interest Owner's share
39 of Unit Expense. Unit Operator shall have the right, without prejudice
40 to other rights or remedies, to collect from the purchaser the proceeds
41 from the sale of such Working Interest Owner's share of Unitized
42 Substances until the amount owed by such Working Interest Owner,
43 plus interest, has been paid. Each purchaser shall be entitled to rely
44 upon Unit Operator's written statement concerning the amount of any
45 default. Operator grants a like lien and security interest to the
46 Working Interest Owners to secure payment of Unit Operator's
47 proportionate share of expense.
48

49 **11.6.1 Extent of Security.** The lien and security interest granted
50 by each Working Interest Owner to Unit Operator and by
51 Unit Operator to the Working Interest Owners under Article
52 11.6 shall extend not only to such Working Interest Owner's
53 Oil and Gas Rights in the Unit Area (which for greater
54 certainty shall include all of each Working Interest Owner's
55 leasehold interest and leasehold estate in the Unit Area),
56 the Oil and/or Gas when extracted and equipment (as
57 mentioned in said Article) but also to all accounts, contract

rights, inventory and general intangibles constituting a part of, relating to or arising out of said Oil and Gas Rights, extracted Oil and Gas and said equipment or which are otherwise owned or held by any such Working Interest Owner in the Unit Area. Further, the lien and security interest of each of said parties shall extend to all proceeds and products of all of the property and collateral subject to said lien and security interest. Any Working Interest Owner, to the extent it deems necessary to perfect the lien and security interest provided herein, may file this Unit Operating Agreement (or a memorandum of this Unit Operating Agreement or other notice of lien) as a lien or mortgage in the applicable real estate records and as a financing statement with the proper officer under the Uniform Commercial Code. Further, each Working Interest Owner agrees on request of any other Working Interest Owner to execute any financing statement, continuation statement or memorandum of this Unit Operating Agreement necessary in order to perfect the security interest and lien hereby granted under the applicable Uniform Commercial Code or state recording law.

11.7 Carved-out Interests. Any overriding royalty, production payment, net proceeds interest, carried interest or any other interest carved out of a Working Interest after the effective date hereof shall be subject to this Agreement. If a Working Interest Owner does not pay its share of Unit Expense and the proceeds from the sale of Unitized Substances under Section 11.6 are insufficient for that purpose, the security rights provided for herein may be applied against the carved-out interests with which such Working Interest is burdened. In such event, the owner of such carved-out interest shall be subrogated to the security rights granted by Section 11.6

11.8 Uncommitted Royalty. Should an owner of a Royalty Interest in any Tract fail to become a party to the Unit Agreement, and, as a result thereof, the actual Royalty Interest payments with respect to such Tract are more or less than the Royalty Interest payment computed on the basis of the Unitized Substances that are allocated to such Tract Under the Unit Agreement, the difference shall be borne by or inure to the benefit of Working Interest Owners, in proportion to their respective Unit Participation at the time the Unitized Substances were produced; however, the difference to be borne by or inure to the benefit of Working Interest Owners shall not exceed an amount computed on the basis of one-eighth (1/8) of the difference between the Unitized Substances allocated to the Tract and the Unitized Substances produced from the Tract. Such adjustments shall be made by charges and credits to the joint account.

ARTICLE 12

Nonunitized Formations

12.1 Right to Operate. Any Working Interest Owner that now has or hereafter acquires the right to drill for and produce oil, gas, or other minerals, from a formation underlying the Unit Area other than the Unitized Formation, shall have the right to do so notwithstanding this

Agreement or the Unit Agreement. In exercising the right, however, such Working Interest Owner shall exercise care to prevent unreasonable interference with Unit Operations. No Working Interest Owner other than Unit Operator shall produce Unitized Substances. If any Working Interest Owner drills any well into or through the Unitized Formation, the Unitized Formation shall be protected in a manner satisfactory to Working Interest Owners so that the production of Unitized Substances will not be affected adversely, including but not limited to a satisfactory drilling mud program and casing cement program through the Unitized Formation.

12.2 Dual Completions. There shall be no dual completions of wells within the Unit Area as to the Unitized Formation and another formation.

ARTICLE 13

Liability, Claims and Suits

13.1 Individual Liability. The duties, obligations, and liabilities of Working Interest Owners shall be several and not joint or collective; and nothing herein shall ever be construed as creating a partnership of any kind, joint venture, association, or trust among Working Interest Owners.

13.2 Settlements. Unit Operator may settle any single damage claim or suit involving Unit Operations if the expenditure does not exceed Twenty-five Thousand Dollars (\$25,000.00) if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, Working Interest Owners shall determine the further handling of the claim or suit unless such authority is expressly delegated to the Unit Operator. All costs and expense of handling, settling, or otherwise discharging such claim or suit shall be an item of Unit Expense, subject to such limitation as is set forth in Exhibit "E". If a claim is made against any Working Interest Owner or if any Working Interest Owner is sued on account of any matter arising from Unit Operations over which such Working Interest Owner individually has no control because of the rights given Working Interest Owners and Unit Operator by this Agreement and the Unit Agreement, the Working Interest Owner shall immediately notify Unit Operator, and the claim or suit shall be treated as any other claim or suit involving Unit Operations.

13.3 Notice of Loss. Unit Operator shall report to Working Interest Owners as soon as practicable after each occurrence, damage or loss to Unit Equipment, and each accident, occurrence, claim, or suit involving third party bodily injury or property damage not covered by insurance carried for the benefit of Working Interest Owners.

13.4 Force Majeure. Any obligation imposed by this agreement on each party, except for the payment of money, shall be suspended while compliance therewith is prevented, in whole or in part, by: strike, fire, war, civil disturbance, act of God, Federal, state or municipal laws, any rule, regulation or order of a governmental agency, inability to secure materials or by any other cause beyond the reasonable control of such party. No party shall be required against its will to adjust or settle any labor dispute. Neither this Agreement nor any lease or

1 other instrument subject hereto shall be terminated by reason of the
2 suspension of Unit Operations due to any of the causes set forth in this
3 Section.
4

5 6 ARTICLE 14

7 8 Titles

- 9
- 10 **14.1 Warranty and Indemnity.** Each Working Interest Owner represents
11 and warrants that it is the owner of the respective working interests
12 set forth opposite its name in Exhibit "B", and hereby agrees to
13 indemnify and hold harmless the other Working Interest Owners from
14 any loss due to failure, in whole or in part, of its title to any such
15 interest, except failure of title arising out of Unit Operations; provided
16 that such indemnity shall be limited to an amount equal to the net
17 value that has been received from the sale or receipt of Unitized
18 Substances attributed to the interest as to which title failed. Each
19 failure of title will be deemed to be effective, insofar as this Agreement
20 is concerned, as of the first day of the calendar month in which such
21 failure is finally determined, and there shall be no retroactive
22 adjustment of Unit Expense, or retroactive allocation of Unitized
23 Substances or the proceeds therefrom as a result of title failure.
24
- 25 **14.2 Failure Because of Unit Operations.** The failure of title to any
26 Working Interest in any tract by reason of Unit Operations, including
27 non-production from such tract, shall not change the Unit
28 Participation of the Working Interest Owner whose title failed in
29 relation to the Unit Participations of the other Working Interest
30 Owners at the time of the title failure.
31
- 32 **14.3 Unleased Interests Treated as Leased.** If a Working Interest
33 Owner owns in fee all or a part of the Oil and Gas Rights in any Tract
34 within the Unit Area which is not subject to any oil and gas lease or
35 other contract in the nature thereof, such Working Interest Owner
36 shall be deemed to own a Working Interest in such Tract to the extent
37 of seven-eighths (7/8) of its interest therein and a Royalty Interest
38 with respect to the remaining one-eighth (1/8) interest therein.
39
- 40 **14.4 Waiver of Rights to Partition.** Each lessee and Working Interest
41 Owner hereto agrees that, during the existence of this Agreement, it
42 will not resort to any action to partition the interval of the formation
43 unitized hereunder or the Unit Equipment, and to that extent waives
44 the benefits of all laws authorizing such partition.
45
- 46 **14.5 Notice of Transfer of Title.** No change of title shall be binding on
47 the Unit or Unit Operator until the time specified in Section 14.6
48 hereof. Each such transfer, assignment or conveyance, whether so
49 stating or not, shall operate to impose upon the party or parties
50 acquiring such interest the obligations of its predecessor in interest
51 with respect to the interest so transferred and shall likewise operate to
52 give and grant to the party or parties acquiring such interest all
53 benefits attributable to such interest.
54
- 55 **14.6 Effect of Title Transfer.** No assignment or other transfer or
56 disposition of any interest subject to this Agreement shall be effective
57 as to Unit Operator or the other Working Interest Owners hereto until

1 the first day of the month following the month in which (i) Unit
2 Operator receives an authenticated copy of the instrument evidencing
3 such assignment, transfer or disposition, and (ii) the person receiving
4 such assignment, transfer or disposition has become obligated by
5 instrument satisfactory to Unit Operator to observe, perform and be
6 bound by all of the covenants, terms and conditions of this Agreement.
7 Prior to such date, neither Unit Operator nor any other Working
8 Interest Owner shall be required to recognize such assignment,
9 transfer or disposition for any purpose but may continue to deal
10 exclusively with the Working Interest Owner making such
11 assignment, transfer or disposition in all matters under this
12 Agreement including billings. No assignment or other transfer or
13 disposition of an interest subject to this Agreement shall relieve a
14 Working Interest Owner of its obligations accrued prior to the effective
15 date aforesaid. Further, no assignment, transfer or other disposition
16 shall relieve any Working Interest Owner of its liability for its share of
17 costs and expenses which may be incurred in any operation to which
18 such Working Interest Owner has previously agreed or consented prior
19 to the effective date aforesaid for the drilling, testing, completing and
20 equipping, reworking, recompleting, side-tracking, deepening,
21 plugging-back, or plugging and abandoning of a well even though such
22 operation is performed after said effective date.
23

24 **14.7 Transfer to Multiple Parties.** If, at any time the interest of any
25 Working Interest Owner is divided among and owned by two or more
26 co-owners, such co-owners shall appoint a single trustee or agent
27 acceptable to Unit Operator with full authority to receive notices,
28 approve expenditures, receive billings for and approve and pay all
29 such co-owners' share of the joint expenses, and to deal generally with,
30 and with power to bind, the co-owners of such Working Interest
31 Owners' interests within the scope of the operations embraced in this
32 Agreement; however, all such co-owners shall have the right to enter
33 into and execute all contracts or agreements for the disposition of their
34 respective shares of the Oil and Gas produced from the Contract Area
35 and they shall have the right to receive, separately, payment of the
36 sale proceeds thereof. Until the trustee or agent is appointed, the
37 assigning Working Interest Owner shall be considered for all purposes
38 thereof as such trustee or agent with all rights and responsibilities
39 thereof. The trustee or agent appointed or deemed to be appointed
40 hereunder shall be liable to Unit Operator for all costs, expenses and
41 liabilities incurred pursuant to this Agreement attributable to the
42 interest for which the trustee or agent is appointed or deemed to be
43 appointed. Unit Operator shall not be required to account separately
44 for the separate interests represented by the trustee or agent.
45

46 **ARTICLE 15**

47 ***Notices***

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49
50
51 **15.1 Notices.** All notices required hereunder shall be in writing and shall
52 be deemed to have been properly served when sent by mail, telegram,
53 or facsimile transmission to the address of the representative of each
54 Working Interest Owner as furnished to Unit Operator in accordance
55 with Article 4.
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ARTICLE 16

Withdrawal of Working Interest Owner

16.1 Withdrawal. A Working Interest Owner may withdraw from this agreement by transferring, without warranty of title, either expressed or implied, to the Working Interest Owners who do not desire to withdraw all its Oil and Gas Rights, exclusive of Royalty Interests, together with its interest in all Unit Equipment and in all wells used in Unit Operations, provided that such transfer shall not relieve such Working Interest Owner from any obligation or liability incurred prior to the first day of the month following receipt by Unit Operator of such transfer. The delivery of the transfer shall be made to Unit Operator for the transferees. The transfer must be accepted unless Working Interest Owners decide within ninety (90) days of the delivery date to terminate the unit. The transferred interest shall be owned by the transferees in proportion to their respective Unit Participations. The transferees, in proportion to the respective interests so acquired, shall pay the transferor for its interest in Unit Equipment, the salvage value thereof less its share of the estimated cost of salvaging same and of plugging and abandoning all wells then being used or held for Unit Operations and the estimated costs for surface restoration, as determined by Working Interest Owners. In the event such withdrawing owner's interest in the aforesaid salvage value is less than such owner's share of such estimated costs, the withdrawing owner, as a condition precedent to withdrawal, shall pay the Unit Operator, for the benefit of Working Interest Owners succeeding to its interest, a sum equal to the deficiency. Within sixty (60) days after receiving delivery of the transfer, Unit Operator shall render a final statement to the withdrawing owner for its share of Unit Expense, including any deficiency in salvage value, as determined by Working Interest Owners, incurred as of the first day of the month following the date of receipt of the transfer. Provided all Unit Expense, including any deficiency hereunder, due from the withdrawing owner has been paid in full within thirty (30) days after the rendering of such final statement by the Unit Operator, the transfer shall be effective the first day of the month following its receipt by Unit Operator and, as of such effective date, withdrawing owner shall be relieved from all further obligations and liabilities hereunder and under the Unit Agreement, and the rights of the withdrawing Working Interest Owner hereunder and under the Unit Agreement shall cease insofar as they existed by virtue of the interest transferred.

16.2 Limitation on Withdrawal. Notwithstanding anything set forth in Section 16.1, Working Interest Owners may refuse to permit the withdrawal of a Working Interest Owner if its Working Interest is burdened by any royalties, overriding royalties, production payments, net proceeds interest, carried interest, or any other interest created out of the Working Interest in excess of one-eighth (1/8) lessor's royalty, unless the other Working Interest Owners willing to accept the assignment agree to accept the Working Interest subject to such burdens. A transfer of title, assignment, or conveyance by a party hereto shall not alone be deemed a withdrawal.

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ARTICLE 17

Abandonment of Wells

17.1 **Rights of Former Owners.** If Working Interest Owners determine to permanently abandon any well within the Unit Area prior to termination of the Unit Agreement, Unit Operator shall give written notice thereof to the Working Interest Owners of the Tract on which the well is located, and they shall have the option for a period of sixty (60) days after the sending of such notice to notify Unit Operator in writing of their election to take over and own the well. Within thirty (30) days after the Working Interest Owners of the Tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount determined by Working Interest Owners to be the net salvage value of the casing and equipment, through the wellhead, in and on the well. The Working Interest Owners of the Tract, by taking over the well, agree to seal off the unitized Formation, and upon abandonment to plug the well in compliance with applicable laws and regulations.

17.2 **Plugging.** If the Working Interest Owners of a Tract do not elect to take over a well located within the Unit Area that is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 18

Effective Date and Term

18.1 **Effective Date.** This Agreement shall become effective when the Unit Agreement becomes effective.

18.2 **Term.** This Agreement shall continue in effect so long as the Unit Agreement remains in effect, and thereafter until (a) all Unit wells have been plugged and abandoned or turned over to Working Interest Owners in accordance with Article 19; (b) all Unit Equipment and real property acquired for the joint account have been disposed of by Unit Operator in accordance with instructions of Working Interest Owners; (c) all surface locations have been restored; and (d) there has been a final accounting.

ARTICLE 19

Abandonment of Operations

19.1 **Termination.** Upon termination of the Unit Agreement, the following will occur:

19.1.1 **Oil and Gas Rights.** Oil and Gas Rights in and to each separate Tract shall no longer be affected by this Agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts, and other instruments affecting the separate Tracts.

19.1.2 **Right to Operate.** Working Interest Owners of any Tract that desire to take over and continue to operate wells located

thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage value, as determined by Working Interest Owners, of the casing and equipment, through the wellhead, in and on the wells taken over and by agreeing upon abandonment to plug each well in compliance with applicable laws and regulations.

19.1.3 **Salvaging Wells.** Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Working Interest Owners of separate Tract as can economically and reasonably be salvaged, and shall cause the wells to be plugged and abandoned in compliance with applicable laws and regulations.

19.1.4 **Cost of Abandonment.** The cost of abandonment of Unit Operations, including but not limited to facilities and surface restoration, shall be Unit Expense.

19.1.5 **Distribution of Assets.** Working Interest Owners shall share in the distribution of Unit Equipment, or the proceeds thereof, in proportion to their Unit Participations.

ARTICLE 20

Approval

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

20.2 **Conflict with Prior Agreements.** It is recognized there may be certain existing agreements by and between several of the Lessees or Working Interest Owners hereto, covering a portion of the Oil and Gas Rights subject to this Operating Agreement. In case of any inconsistency or conflict between this Operating Agreement and those certain existing agreements, this Operating Agreement shall govern.

ARTICLE 21

Governmental Regulations

21.1 **Governmental Regulations.** Working Interest Owners agree to release Unit Operator from any and all losses, damages, injuries, claims and causes of action arising out of, incident to or resulting directly or indirectly from Unit Operator's interpretation or application of rules, rulings, regulations or orders of any governmental agency or predecessor agencies to the extent Unit Operator's interpretation or

1 application of such rules, rulings, regulations or orders were made in
2 good faith. Working Interest Owners further agree to reimburse Unit
3 Operator for their proportionate share of any amounts Unit Operator
4 may be required to refund, rebate or pay as a result of an incorrect
5 interpretation or application of the above noted rules, rulings,
6 regulations or orders, together with their proportionate part of interest
7 and penalties owing by Unit Operator as a result of such incorrect
8 interpretation or application of the above rules, rulings, regulations or
9 orders.

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11
12 **ARTICLE**

13
14 **Other Provisions**

15
16 **22.1 Lease Burdens and Disbursement Obligations.** Each Working
17 Interest Owner hereby agrees to pay or cause to be paid
18 royalty, excess royalty and other operating royalty portion(s) due on
19 its share of its share (as listed on Exhibit C) of the sale of such
20 Substances.

21
22 **22.2 Attorney's Fees.** In the event Unit Operator shall ever be required to
23 bring legal proceedings in order to collect any sums due from any
24 Working Interest Owner under the Agreement, then Unit Operator shall also be entitled to recover
25 its costs, cost of collection, and a reasonable attorney's fee, which shall also secure
26 the obligations provided for under Sections 11.6 and 11.6.1 shall also secure

27
28
29 **22.3 Bankruptcy.** If, following the granting of relief under the Bankruptcy Code to any Working Interest Owner, hereinafter as debtor thereunder, this Agreement should be held to be an executory contract within the meaning of 11 U.S.C. Section 365, then the Unit Operator, or (if the Unit Operator is the debtor in bankruptcy) any other Working Interest Owner, shall be entitled to a declaration by debtor or any trustee of the estate of debtor on the date an order for relief is entered under the Bankruptcy Code of this Unit Operating Agreement. In the event of an assumption, rejection or assumption, the Unit Operator or said other Working Interest Owner shall be entitled to adequate assurances as to future performance of debtor's obligation hereunder and the protection of the interests of all other parties.

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42 **22.4 Applicable Law.** All claims and disputes between any of the parties hereto, made or instituted and all proceedings in whole or in part on any basis, shall be resolved using the laws of the state of New Mexico.

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47 **22.5 Media Release.** Operator shall have the principal responsibility for the issuance of press releases concerning the Unit (but shall not be liable for failure or error in exercising its responsibility), and each other party hereto may issue appropriate press releases without restriction. Nothing herein contained, however, shall preclude any party hereto from making such disclosures as may be required by any applicable law, order, rule, regulation or ordinance.

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55 No party hereto shall distribute any press or other media without the approval of the majority of the parties hereto pursuant to Article 11.

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3 **ARTICLE 23**
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5 ***Successors and Assigns***
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7 **23.1 Successors and Assigns.** This Agreement shall extend to, be
8 binding upon, and inure to the benefit of the Persons hereto and their
9 respective heirs, devisees, legal representatives, successors, and
10 assigns, and shall constitute a covenant running with the lands,
11 leases, and interests covered hereby.
12

13
14
15 IN WITNESS WHEREOF, this Agreement approved on the dates opposite
16 the respective signatures.
17

18
19
20 **ATLANTIC RICHFIELD COMPANY**
21

22
23
24 Date: _____

25 By: _____
26 T. L. Holland
Attorney-in-Fact

1 STATE OF TEXAS §
2 §
3 §
4 COUNTY OF MIDLAND §
5

6 This instrument was acknowledged before me on this _____ day of
7 _____, 1992, by T. L. HOLLAND, as Attorney-in-Fact of
8 ATLANTIC RICHFIELD COMPANY, a Delaware corporation, on behalf of said
9 corporation.
10

11 _____
12 _____
13 _____
14 (Print Name)
15
16
17

18 My Commission Expires: _____ Notary Public in and for the State of Texas
19 _____
20
21
22

23 STATE OF _____ §
24 §
25 §
26 COUNTY OF _____ §
27

28 This instrument was acknowledged before me on this _____ day of
29 _____, 1992, by _____, as _____
30 of _____, a _____ corporation, on behalf
31 of said corporation.
32

33 _____
34 _____
35 (Print Name)
36

37 My Commission Expires: _____ Notary Public in and for the State of _____
38 _____
39
40

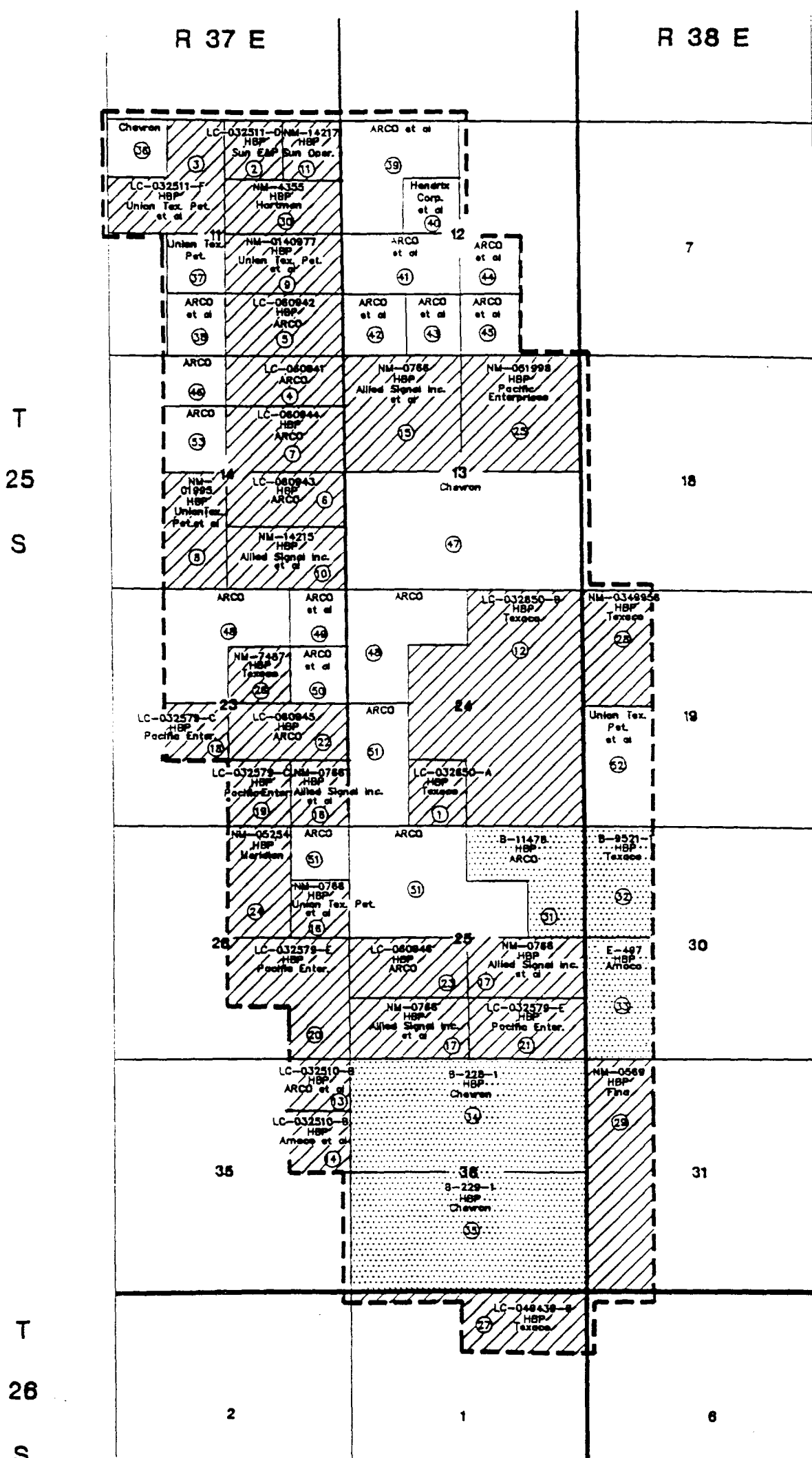


Exhibit A To Unit Agreement

ARCO Oil & Gas
South Justis Unit
Lea County, New Mex
Scale: 1"=3000'
By: R. Pyle
Date: 8-92
Dept: Exploration
Drawn By: RGJ
Date: 8-92
Dwg. No. SJU37G

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JUSIS UNIT
LEA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	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	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	Sun Expl. & Prod. Co. Lowell S. Dunn, Sr.	58.33400% 41.66600%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	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	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	83.33300% 16.66700%	Ernest E. Richelieu, Trustee Interfirst Bank of Ft. Worth	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	Hondo Oil & Gas Co.	100.0000%	The Aurand Company Miriam B. Johnson Alice Robertson William E. Thomas, II	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	ARCO Union Texas Pet. Corp. Texas Pacific Oil Co.	50.00000% 31.25000% 18.75000%	The Aurand Company Miriam B. Johnson, General Partner of the Miriam B. Johnson Partnership Amoco Production Co. Alice N. Robertson William E. Thomas II William E. Thomas II	ARCO Cospen Oil, Inc	81.250000% 18.750000%

EXHIBIT "B"

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

It. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Owner Percentage	Owner	Lessee of Record Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
6	N/2 SE/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	LC-060943 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	ARCO	William E. Thomas, II 0.390600%	ARCO 100%
7	S/2 NE/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	LC-060944 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	ARCO	The Aurand Company Miriam B. Johnson 0.390600% MW Petroleum Corp. 4.687500% Alice N. Robertson 0.390700% William E. Thomas, II 0.390600%	ARCO 100%
8	E/2 SW/4 Section 14, 1-25-S, R-37-E, Lea County, New Mexico	80	NM01995 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Pet. Corp. Sun Expl. & Prod. Co.	J. Steve Anderson III 0.227860% Thomas W. Anderson 0.227860% Carlo L. Austin 0.227870% Belly Lou linehan 0.683590% Barbara Jean Ratliff 0.683590% Allred B. Kernes, Jr 1.562500%	Meridian Oil Production, Inc. 100%
9	N/2 SE/4 Section 11, 1-25-S, R-37-E, Lea County, New Mexico	80	NM 0140977 11/1/35 HBP	United States - Bureau of Land Management	Sliding Scale	Union Texas Pet. Corp. Doyle Hartman Headington Minerals Inc.	J. Steve Anderson III 0.683590% Thomas W. Anderson 0.683590% Carlo L. Austin 0.683600% Belly Lou linehan 1.025390% Barbara Jean Ratliff 1.025390% Alice N. Robertson 0.390630% William E. Thomas II 0.390630% The Aurand Company 0.390620% Miriam B. Johnson Partnership 0.390620%	Meridian Oil Production, Inc. 62.500000% ARCO 12.597656% Headington Minerals, Inc. 12.500000% Doyle Hartman & wife, Margaret M. Hartman 8.886719% James A. Davidson, single 3.125000% Larry A. Neymyr, single 0.195313% James E. Burr & wife, Lo Vela F. Burr 0.097656% Jack Fletcher & wife, Delphia Fletcher 0.097656%

EXHIBIT "B"

10 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
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	Allied Signal, Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Belly Lou Linehon Barbara Jean Rollitt 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. Cospen 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.	58.33333% 41.66667%	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.	100.0000%			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.	50.00000% 50.00000%	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"

10 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	
14	SE/4 NE/4 SW/4 T-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. Allied Signal Inc. Sun Operating Ltd. Partnership	50.00000% 41.66670% 08.33330%	J. Steve Anderson III Carlo Louise Austin Thomas W. Anderson Barbara Jeanne Rolliff Belly Lou Linehon William F. Thomas Alice N. Robertson The Aurand Company Moriam B. Johnson Partnership	0.227860% 0.227870% 0.227860% 0.683590% 0.683590% 0.390630% 0.390630% 0.390620% 0.390620%	Meridian Oil Production, Inc. Caspian Oil, Inc.	91.666670% 8.3333000%
15	NW/4 Section 15, T-25-S, R-37-E, Lea County, New Mexico, between the subsurface depths of 4,000 feet and 6,100 feet	160	NW-0766 11/8/37	HBP	United States - Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Operating limited Partnership	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Jack Linehon & Belly Lou Linehon Barbara Jean Rolliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc.	100%
16	SE/4 SE/4, Section 23 SE/4 NE/4, Section 26, T-25-S, R-37-E, Lea County, New Mexico	80	NW-0766 11/8/37	HBP	United States - Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Belly Lou Linehon Barbara Jean Rolliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%
17	SW/4 SW/4, N/2 SE/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	160	NW-0766 11/8/37	HBP	United States - Bureau of Land Management	Sliding Scale	Allied Signal Inc. Sun Expl. & Prod. Co.	83.33333% 16.66667%	J. Steve Anderson III Thomas W. Anderson Carlo L. Austin Belly Lou Linehon Barbara Jean Rolliff	0.455730% 0.455730% 0.455730% 1.367190% 1.367190%	Meridian Oil Production, Inc. Headington Minerals, Inc.	83.33% 16.67%

EXHIBIT "B"

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

Tr. No.	Description of Land	Serial No. & Eff. Date		Basic Royalty Owner Percentage		Lessee of Record Percentage		Overriding Royalty Owner Percentage		Working Interest Owner Percentage	
18	NE 1/4 SW 1/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	40	10-032579-C 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	3.992852% 1.522223%	American Exploration Co. Company Marathon	70.00% 30.00%
19	SW 1/4 SE 1/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico, 4.898 feet to 7.212 feet	40	10-032579-C 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.851852% 1.222223%	American Production Partnership VI Ltd. American Exploration Company American Exploration Acquisition VI Corp. American Production Partnership VII Ltd. New York Life Oil & Gas Production Partnership II-G New York Life Oil & Gas Prod. Production Partnership II-E New York Life Oil & Gas Production Partnership II-F New York Life Oil & Gas Production Partnership III-B	52.083700% 1.819401% 4.548503% 12.426200% 11.345223% 9.983413% 4.676366% 3.117194%
20	NW 1/4 SE 1/4, E 1/2 SE 1/4 Section 26, T-25-S, R-37-E, Lea County, New Mexico	120	10-032579-E 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%
21	S 1/2 SE 1/4 Section 25, T-25-S, R-37-E, Lea County, New Mexico	80	10-032579-E 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Co. Marathon	2.667504% 1.143216%	ARCO	100.000000%

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	Owner	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	Schedule "B"	ARCO	100.0000%	Dione 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 Anno May Rasmussen Anno May Rasmussen Marathon Oil Company	0.171400% ARCO 0.116100% 0.113600% 0.113599% 0.113601% 0.116100% 2.766260% 0.085540% 0.340800% 0.340800% 0.500000% 0.500000% 0.250000% 0.335000% 0.165000% 0.500000% 0.250000% 1.222200%	100%
23	N/2 SW/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	80	LC-060946 12/8/37 HBP	United States - Bureau of Land Management	Sliding Scale	ARCO	100.0000%	ARCO	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	Sliding Scale	Meridian Oil Production Inc.	100.0000%	ARCO Meridian Oil Production, Inc. Lorry A. Nemyr	50.000000% 49.218750% 0.781250%	

EXHIBIT "B"

10 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
25	N1/4 Section 13, T-25-S, R-37-E, Lea County, New Mexico	160	NM-051998 12/8/37 HBP	United States - Bureau of Land Management	Pacific Enterprises Oil Company	100.0000%	Pacific Enterprises Oil Company Marathon 70% 30%
26	SW/4 NE/4 Section 23, T-25-S, R-37-E, Lea County, New Mexico	40	NM-7487 2/1/88 (renewal)	United States - Bureau of Land Management	Texaco USA	100.0000%	Texaco 2.500000% 2.500000% 2.500000%
27	N/2 NE/4 Section 1, T-26-S, R-37-E, Lea County, New Mexico	80	IC-049439-B 10/3/38 HBP	United States - Bureau of Land Management	Texaco Expl. & Prod. Inc.	100.0000%	Texaco 0.625000% 0.625000% 0.625000%
28	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the Blindby Formation only	80	NM-0349956 6/1/47 HBP	United States - Bureau of Land Management	Texaco Expl. & Prod. Inc.	100.0000%	Texaco 0.125000% 0.015630% 0.007810%
					John M. Loffland, Jr. I. A. Pedley, Jr. c/o Thomas J. Hayes Effie E. Valentine c/o United California Bank First Interstate Bank of Denver NA, Account No. 120003306 James N. Coll Charles H. Coll Max W. Coll II Jon F. Coll RepublicBank Dallas NA Trustee U/W/O Selma E. Andrews, Trust #5188 Franz R. Lupton, Jr.	0.214840% 0.014650% 0.014650% 0.014640% 0.014650% 0.268530%	

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
276A	W/2 NW/4 Section 19, T-25-S, R-38-E, Lea County, New Mexico Insofar as the title/interest hereon is the title/interest hereon only	80	NM-0349956 6/1/47 18P	United States - Bureau of Land Management 12.500000%	Texaco Expl. & Prod. Inc. 100.00000%	c/o Lupron Enterprises Inc. 0.007810%	100%
						Julie Ann Luplon 0.007810%	
						c/o World Savings & Loan 0.015620%	
						Broadshaw Bobb Luplon 0.015620%	
						Charles L. Luplon, Jr. 0.015630%	
						c/o Bank of America, Arroyo Grande Branch 0.005210%	
						Lawrence L. Pedley 0.005210%	
						John C. Pedley 0.005210%	
						David M. Pedley 0.005210%	
						Morth L. Schneidewind 0.015630%	
						Braille Institute of America c/o Republic National Bank Dallas, Agency 1631-00 0.231470%	
						Patricia Penrose Schieffler Successor Trustee U/W/O Neville C. Penrose c/o J. Thomas Schieffler 0.125000%	
						Lucy O. Ross 0.125000%	
						John M. Lofland, Jr. 0.125000%	
						T. A. Pedley, Jr. 0.015630%	
						c/o Thomas J. Hayes Elsie E. Volintine 0.007810%	
						c/o United California Bank First Interstate Bank of Denver NA, Account No. 120003306 0.214840%	
						First Interstate Bank Denver Trustee of the Estate of Charles L. Luplon	

EXHIBIT "B"

10 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 N. Coll	0.014650%		
									Charles H. Coll	0.014650%		
									Max W. Coll II	0.014640%		
									Jon F. Coll	0.014650%		
									RepublicBank Dallas MA			
									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 Bobb Lupton	0.009380%		
									Charles I. 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 Schieller			
									Successor Trustee U/W/O			
									Neville G. Penrose	0.125000%		
									c/o J. Thomas Schieller	0.125000%		
									Lucy O. Ross	0.125000%		
29	W/2 W/2, Section 31 1-25-S, R 38-T Lea County, New Mexico	160	NM-0569 4/1/84 HBP		United States - Bureau of Land Management	12.500000%		Fino Oil & Chemical Co.	100.0000%	Selma E. Andrews Trust Blanche M. doly Benjamin Ginsberg Est.	0.268500% 0.125000% 1.500000%	ARC0 100%

EXHIBIT "B"

10 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 1/4 Section 11, T-2S-S, R-3E-F, Lea County, New Mexico	80	NM 4355 4/1/56 HBP	United States - Bureau of Land Management	Sliding Scale	Doyle Hartman	100.0000%	The Aurand Company	0.390625%	ARCO	50.390625%								
												Mitiam B. Johnson, General Partner of the Mitiam B. Johnson Partnership	Amoco Production Co.	Alice N. Roberlson	William E. Thomas II				
												Doyle Hartman & wife	Margaret M. Hartman	James A. Davidson, single	Larry A. Nerny, single	James E. Burr & wife,	La Veta F. Burr	Jack Fletcher & wife,	Delphia Fletcher
TOTAL FEDERAL ACREAGE 7,800.00 PERCENTAGE OF UNIT (SURFACE ACRES) - 52.24%																			

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Serial No. & Eff. Date	Basic Royalty Percentage	Owner	Lessee of Record	Overriding Royalty Percentage	Working Interest Owner Percentage
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 10, 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 Inc.		Texaco Inc. 100%
33	W/2 SW/4 Section 10, 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%	MM Petroleum Corp.		Apoche 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	SE/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 ACRAGE - 920.0		PERCENTAGE OF UNIT (SURFACE ACRES) - 17.16%						

EXHIBIT "B"

10 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	
				PATENTED LANDS							
36	NW/4 NW/4 Section 11, T-25 S, R 37 E Lea County, New Mexico	40	HBP	Chevron USA Inc.	0.067400%	ARCO Petr. Products Co.		ARCO		100%	
				Amoco Production Company	1.004500%	Div. of Atlantic Richfield Co.	0.612700%				
				Atlantic Richfield Company	0.032200%						
				Theodore G. Bales	0.104100%						
				Warren J. Bales	0.059600%						
				Charles T. Bales, Jr	0.029800%						
				James Henry Beatty	0.020400%						
				Elizabeth Beatty Dudley	0.020400%						
				Lucille Chism Bales	0.097200%						
				Wilma Chism Jain	0.067500%						
				Mary Helen Seaton	0.669600%						
				Elmer C. Shaughnessy	0.015500%						
				Amerada Hess Corporation	1.339300%						
				Ellis Rudy	0.015500%						
				Ritts Royalty Company	0.644900%						
				Thomas G. Voss	0.223200%						
				Judd Moore	0.041000%						
				Marion U. & Donald B. Heord	0.139500%						
				Mildred Smith Rawls	0.008860%						
				Margaret Smith Rule	0.008860%						
				Cassius L. Smith	0.009600%						
				Rosa Lee Smith Johnson	0.009410%						
				Katie Smith Hazelhurst	0.008860%						
				Eva W. Graham	0.008860%						
				Mary Smith Bowers	0.008860%						
				Richard L. Cromatic, Jr	0.007480%						
				Jane Cromatic Williams	0.010240%						
				I. L. Woolen	0.008860%						

EXHIBIT "B"

10 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	
				Percentage		Percentage		Percentage	
44A	NW/4 SE/4 Section 12, 1-25-S, R. 37 E, Lea County, New Mexico, below S. 450 feet	40	HBP	Sid R. Bass, Inc.	0.292969%			ARC0	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%
				Mooers Oil Corporation	0.546875%			Thru line Inc.	2.343750%
				Alma E.H. Watkins	1.562500%			H.B. Fuqua, Trustee under the	
				Rose Gann	0.390626%			Lost Will and Testament of	
				Charlene Rogers	0.390624%			Dolores Mooers, Dec'd	8.750000%
				Teambank, N.A.	1.093750%			First National Bank of	
				Successor Trustee U/W/O				Et. Worth, Trustee	5.625000%
				Dolores Mooers, Acct #5976				Mooers Oil Corporation	4.375000%
				MCNB Texas, Trustee of				Delltex Royalty Company, Inc	3.125000%
				the Mooers Trust,				Woy Enterprises, Inc.	3.125000%
				Trustee #1311	0.703125%			First National Bank of	
				ARC0	3.125000%			Lubbock, Successor	
				First NII, Bank of Lubbock				Trustee under the Lost Will	
				Successor Trustee of				Testament of J. E. Simmons,	
				J.E. Simmons Trust A				and Beulah H. Simmons,	
				F/B/O Jean	0.219727%			Deceased	3.125000%
				Shipley Sullivan				DRYX Energy Company	2.343750%
				First NII, Bank of Lubbock				Meridian Oil Production Inc	0.439454%
				Successor Trustee of Beulah					
				H. Simmons Trust A F/B/O	0.219726%				
				Jean Shipley Sullivan					
				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 -					

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

—

EXHIBIT "B"

10 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	
				Percentage		Percentage		Percentage	
45	SW/4 ST/4 Section 12, T2S, 36R, 37E, Lea County, New Mexico, between the sub-surface depths of 5,000 feet and 5,500 feet	40	HBP	Deceased	0.195313%			ARCO	32.812500%
				Clorence Victor Eaton	0.195313%			Meridian Oil Production, Inc	27.685547%
				Alvie Mae Eaton Wilson	0.195313%			Lee M. Boss, Inc.	2.343750%
				Charlie E. Eaton	0.195313%			Sid R. Boss Inc.	2.343750%
								Keystone Inc.	2.343750%
								Thru Line Inc.	2.343750%
								H B. Fuguo, Trustee under the	
								Last Will and Testament of	
								Dolores Mooers, Dec'd	8.750000%
								First National Bank of	
								Fl. Worth, Trustee	5.625000%
								ORyx Energy Company	4.687500%
								Mooers Oil Corporation	4.375000%
								Dellex Royalty Company, Inc	3.125000%
								Woy Enterprises, Inc.	3.125000%
								Meridian Oil Production Inc.	0.439453%
				First Ntl. Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jeann					
				Shirley Sullivan					
				First Ntl. Bank of Lubbock	0.219726%				
				Successor Trustee of Beulah					
				H. Simmons Trust A F/B/O					
				Jeann Shipley Sullivan					
				First National Bank of Lubbock	0.219726%				

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	Successor Trustee of Beulah H. Simmons Trust R F/R/O			0.219777%		
	Mary Jane Hand					
	First NII. Bank of Lubbock					
	Successor Trustee of					
	J.E. Simmons Trust B -			0.219777%		
	F/R/O Mary Jane Hand			0.878906%		
	Delltex Royalty Co., Inc			0.878906%		
	Way Enterprises, Inc.					
	Thomas H. Low, Hamilton					
	Rodgers & Margoret Snider			0.781250%		
	for Nancy S. Tilly Snyder			0.878906%		
	Beverly Anne Corlier					
	Joyce Ann Brown			0.585938%		
	B. A. Christmos, Jr.			0.292969%		
	Brodford Ace Christmos			0.073242%		
	Mary I. Christmos Holladay			0.073242%		
	Candy Christmos			0.073242%		
	Helen Jane Christmos Barbry			0.073242%		
	Hiers or Devisees of Alma					
	Pearl Eaton Hughes Watkins.					
	Deceased			1.562500%		
	William Riley Eaton			1.302083%		
	Kathryn Pearl Gordon			0.156250%		
	Marilyn Jean Craig			0.156250%		
	Air Wanda Jean Stutzman			0.156250%		
	Raymond Harrison Eaton			0.156250%		
	Helen May Hamilton			0.156250%		
	Dorsey Elmo Turner			2.083333%		
	Colbie Eaton Pyeatt			0.260417%		

EXHIBIT "B"

10 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	
				Percentage		Percentage		Percentage	
45A	SW/4 SE/4 Section 12, 1-25-S, R 37 E, Lea County, New Mexico, between the subsurface depths of 5,500 feet and 6,352 feet	40	HBP	Jennie Lois Eaton Hodges	0.195313%				
				William Henry Eaton	0.195313%				
				Charlie Trevor Eaton	0.195313%				
				Lindy Hamble Eaton	0.195313%				
				Heirs or devisees of Alma Pearl Eaton Hughes Watkins, Deceased	0.195313%				
				Clarence Victor Eaton	0.195313%				
				Archie Mae Eaton Wilson	0.195313%				
				Charlie E. Eaton	0.195313%				
				Sid R. Boss, Inc. Keystone, Inc. thru line	0.292969%			ARCO Meridian Oil Production, Inc	32.812500%
				Lee M. Boss	0.292969%			Lee M. Boss, Inc.	27.68547%
				Moore's Oil Corporation	0.292968%			Lee M. Boss Inc.	2.343750%
				Alma E. H. Watkins	0.546875%			Keystone Inc.	2.343750%
				Rose Gonn	1.562500%			thru line Inc.	2.343750%
				Charlene Rogers	0.390626%			HB, Fuqua, Trustee under the Last Will and Testament of	
				Teambank, N.A.	0.390624%			Dolores Mooers, Dec'd	
				Successor Trustee U/W/O Dolores Mooers, Acct #5976	1.093750%			First National Bank of	8.750000%
				MCNB Texas, Trustee of the Mooers Trust, Trustee #1311				FL Worth, Trustee	5.625000%
				ARCO	0.703125%			ORyx Energy Company	4.687500%
				First Natl Bank of Lubbock	3.125000%			Moore's Oil Corporation	4.375000%
				Successor Trustee of J.E. Simmons Trust A F/B/O Jean				Dellx Royally Company, Inc	3.125000%
								Way Enterprises, Inc.	3.125000%
								Meridian Oil Production Inc	0.439453%

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Shipley Sullivan First NLL Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/R/O Jean Shipley Sullivan First National Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust R F/R/O Mary Jane Hand First NLL Bank of Lubbock Successor Trustee of J.E. Simmons Trust B - F/R/O Mary Jane Hand Delltex Royalty Co., Inc Way Enterprises, Inc. Thomas H. Low, Hamilton Rodgers & Margaret Snyder for Nancy S. Tilly Snyder Beverly Anne Carter			0.219727%		
				0.219726%		
				0.219727%		
	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 Colon Hughes Watkins, Deceased William Riley Colon Kathryn Pearl Gordon			0.585938% 0.292969% 0.073242% 0.073242% 0.073242% 0.073242% 0.073242%		1.562500% 1.302083% 0.156250%

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JUISIS UNIT
LTA COUNTY, NEW MEXICO

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner		Working Interest Owner	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
46	NW/4 NW/4 Section 1A, T-25-S, R. 37-E LTA County, New Mexico	40	HBP	0.156250%	Marilyn Joon Craig				
				0.156250%	Air Wanda Jean Stulzman				
				0.156250%	Raymond Harrison Eaton				
				0.156250%	Helen May Hamilton				
				2.083333%	Orsley Elmo Turner				
				0.260417%	Collie Eaton Pyrell				
				0.195313%	Jennie Lois Eaton Hodges				
				0.195313%	William Henry Eaton				
				0.195313%	Charlie Frewer Eaton				
				0.195313%	Lindy Hampie Eaton				
					Hewis or Devises of Almo				
					Pearl Eaton Hughes Watkins,				
				0.195313%	Deceased				
				0.195313%	Clorence Victor Eaton				
				0.195313%	Arlie Mae Eaton Wilson				
				0.195313%	Charlie E. Eaton				
				0.076039%	Laura R. Stuart				
				0.076039%	Anne Stuart Marble				
				0.260430%	Desa L. Lee Laird				
				0.062502%	Maurine Johnson, Trustee				
					John J. Redfern III				
					Ind. Executor of the Estate				
				0.234374%	of John J. Redfern, Jr.				
					Lillie M. Yates, Frank W. Yates				
					and S. P. Yates, Personal				
					Representatives O/I/O				
				0.219440%	Martin Yates III				
					MCNB Texas National Bank				
					Trustee of the Donald L.				

ARCO

100%

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	Jones Trust			0.260422%		
	NCNB Texas National Bank					
	Trustee of the Lollie D.					
	Jones Trust			0.260422%		
	Rosalind Redfern			0.234374%		
	Judy Slovall			0.468751%		
	Leon Binkley and Donna Frost					
	as Personal Representatives					
	of the Estate of Kathleen					
	Cone			0.570833%		
	Wendell W. Iverson, as Trustee					
	for the S.J.L. Jr., Trust			0.071129%		
	Wendell W. Iverson, as Trustee					
	for the P.J.P. 1990 Trust			0.071129%		
	Wendell W. Iverson, as Trustee					
	for the W.W.1 1990 Trust			0.071129%		
	Charlotte H. Stuart			0.157082%		
	Patsy Ann Iverson Page			0.071134%		
	B. Broodrick			1.302080%		
	Wendell Welch Iverson			0.071133%		
	S. E. Cone, Jr.			0.694441%		
	B. B. Ginsberg			0.187502%		
	S. J. Iverson, Jr.			0.071133%		
	Marjorie Cone Kaslman			0.6944444%		
	Lovetace Foundation for					
	Medical Education and					
	Research			0.468751%		
	John A. Yales			0.437531%		
	Frank W. Yales, Jr., A/I/F					
	for Lillie M. Yales			0.212944%		
	Estelle Andrews Mehhop			1.302160%		

EXHIBIT "B"

10 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
47	S/2 Section 13, T-25-S, R. 37-E, Leon County, New Mexico	320	HBP	ARCO	0.312500%	
				Dorinda 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 Smoll	0.152082%	
				W. L. Stuart	0.152082%	
				Ira J. Stuart	0.152082%	
				D. C. Stuart	0.152082%	
				John A. Stuart	0.152082%	
				Gairland Stuart	0.152082%	
				Harvey E. Yoles	0.425886%	
				S. P. Yoles	0.425886%	
				Leon G. Beatty	0.195300%	
M. L. Davis Oil Trust						
First Interstate Bank of Oklahoma, Successor Trustee	0.004900%					
Royallth Holding Company	2.636700%					
James Henry Beatty	0.023900%					
Elizabeth Beatty Durlley	0.023900%					
Elliot Oil Company	0.390700%					
Audrey M. Curry Baker	0.000200%					
Gordon G. Lancaster						
c/o Fidelity USA						
Account #507-188093	0.195300%					
Elinor C. Shaughnessy	0.018100%					

EXHIBIT "B"

10 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	
				Percentage	Owner	Percentage	Owner	Percentage	Owner
	Amerado Hess Corporation			3.125000%					
	Earle M. Simon			0.002400%					
	Harry Levy			0.002400%					
	Wayo K. Nelson			0.009800%					
	Margaret R. Ellison			0.001200%					
	C. S. Unley			0.002500%					
	Joseph Nelson			0.004900%					
	Ellis Rudy			0.018100%					
	Rilla Royalty Company								
	Bank of Oklahoma Tulsa NA								
	Agent & Ally in-Fact			0.752300%					
	Joy Rene Pope			0.048900%					
	Gaylene Ashcraft			0.048800%					
	Beverly B. Nelson			0.002400%					
	Judd Moore			0.047700%					
	Morton U. & Donald B. Heard			0.162700%					
	Mildred Smith Rawls			0.010330%					
	Magabel Smith Rule			0.010330%					
	Cassius L. Smith			0.011620%					
	Rosa Lee Smith Johnson			0.010990%					
	Katie Smith Hazelhurst			0.010330%					
	Evo W. Grohm			0.010330%					
	Mary Smith Bowers			0.010330%					
	Richard L. Cromatic, Jr.			0.008720%					
	Jane Cromatic Williams			0.011950%					
	T. L. Woolen			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%					

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	Harry E. Smith			0.005170%		
	Harry Eldon Smith			0.000650%		
	Mary M. Smith			0.010330%		
	Maudie S. Smith			0.010330%		
	R. P. Smith			0.011620%		
	Robert H. Smith			0.001300%		
	Dudley M. Smith			0.000650%		
	Leno Ann Blake			0.001200%		
	Philip Julian Erickson			0.006040%		
	John Warren Erickson			0.006030%		
	Mary Elinor Erickson Knox			0.006030%		
	Mary A. Fosken			0.002400%		
	Roma A. Syriel			0.040500%		
	Rosalind Lethold			0.002530%		
	William M. Diltmer, Sr.			0.002530%		
	John A. Diltmer			0.002530%		
	Albert Diltmer			0.003380%		
	Charles A Burgess			0.040500%		
	Ellen E. Booker			0.002530%		
	Luello Boes Forwolder			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 & Charobelle					
	Beals Trust dtd 12-9-70					
	Archie D. Smith, Jr., Trustee			0.752300%		
	Sarah S. Smith			0.011620%		
	O. W. Skivin Test Trust					
	American National Bank					
	Co Trustee			0.217000%		

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	G. I Blankenship Texas American Bank, Successor Trustee 11/10/0 Indures Moores, Acct #5976			0.605500%		
	MCNB Texas National Bank of 11 Worth, Trustee 11/10/0 of the Convey Hanger et al Moore's Trust			0.635850%		
	Richard A. Whittington D. V. Thompson			0.000330%		
	c/o Richard A. Whittington American State Bank and Martha McVoy Pope, Co- Trustees of the Hollie C. Williams Trust 11/10/0 dated 8-10-81			0.000320%		
	Betty L. Amonte Beams Minerals Company			0.195300%		
	Susan Lomb Griffith John Austin Rittenhouse			0.039200%		
	Judith Rittenhouse Thomas W. Tucker			0.000300%		
	c/o Susan L. Griffith April Elizabeth Tucker			0.000060%		
	Lloyd M. Melton, Jr. Guardian for Molly Catherine Lomb			0.000060%		
	Floyd M. Melton, Jr. Guardian for Loren Lynet Lomb			0.000060%		
	Libby L. Underwood Morrish			0.002400%		

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

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EXHIBIT "R"

10 UNIT ACRLM ENI, SOUTH JUSTIS UNIT
TULSA COUNTY, NEW MEXICO

Tr the	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
	B Low Cone Trustless of the Marilyn M Low Revocable Trust			0.146471%		
	Douglas Cone Trust, Marilyn Cone Trustee The New Mexico Co P.O. Box 2479			0.089840%		
	Leon Binkley & Hanna Trust as Personal Rep's of the Estate of Kathleen Cone			0.449200%		
	Amorillo NE 1/4 Rk as Trustee for Sudo Mills (Dec Revocable Trust			0.111500%		
	Emil Mosbacher Jr "C" Act c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr "A" Act c/o R. Bruce Mosbacher			0.046800%		
	Emil Mosbacher Jr "B" Act c/o R. Bruce Mosbacher			0.469000%		
	Jo Ann Seewers Konoly Trust Co as Successor Corporate Trustee of the Lyeth Oil Trust			0.906360%		
	North Central Oil Corp Southland Royalty Co. Jo Ann Seewers Trustee of the Trust created in the w/o James N Seewers S.F. Cone Jr			0.585900%		
				1.093700%		
				1.562500%		
				0.022659%		
				0.833330%		

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JUSTIS UNIT
11A COUNTY, NEW MEXICO

Tr No	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Mayjane Cone Kestman			0.833330%		
	Christine Toles (Mgt)			0.065100%		
	Lunice Cone Gibson			0.156500%		
	Maybelle Toles Monaghan			0.065100%		
	Robert Mosbacher I Acct			0.046900%		
	J Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust			0.005100%		
	Altonite Richfield Company			0.781200%		
	Cathie Avershine			0.089840%		
	Stewart Bachman, Jr			0.101570%		
	Kenneth G Cone			0.089840%		
	Citlord Cone			0.089840%		
	Iom R. Cone			0.089840%		
	Allyce Kelly Fuller			0.037763%		
	John H. Hendrix (or)			0.260423%		
	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 I Ac			0.046900%		
	Robert Mosbacher K Ac			0.046900%		
	Ora Lee Nislar			0.195300%		
	American Sl. Bk. & Ora Lee Nislar Co - Trustees of the O.L. Nislar, Jr. Trust			0.097650%		
	American Sl Bk & Ora Lee Nislar Co - Trustees of the Robert Nislar Trust			0.097650%		

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JOSTIS UNIT
LEA COUNTY, NEW MEXICO

Tr No	Description of Land	Acres	Lease Status	Basic Royalty Owner		Overriding Royalty Owner		Working Interest Owner	
				Percentage		Percentage		Percentage	
	NE 1/4 Sec 10, T14N, R10E, S10E, as Trustee 11/1/1971, 1972, Mary Beth Kelly, Trust Nina Jean Stevens, Trust as Trustee under Trust Agreement executed by Nina Jean Stevens, Scott as Grantor and Stewart Bachman Jr as Trustee dated 1/27/1971,			0.113702%					
	Barbara Mosbacher H AC, Barbara Mosbacher C AC, Barbara Mosbacher S AC, Mary Louise Stinger, Heddington Minerals, Philip Lewis Lee, Rondolph P. Lee, Edward David Lee, Mrs. F.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 SEM Trust, A.L. Mangum, Jr., Trustee			0.018887%					
				0.113795%					
				0.046800%					
				0.046800%					
				0.046900%					
				0.037763%					
				0.651042%					
				0.130208%					
				0.130208%					
				0.130208%					
				0.113281%					
				0.554681%					
				0.146484%					
				0.146484%					
				0.008138%					
				0.008138%					
				0.008138%					

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
40	E 1/4, NE 1/4, Sec 16, T1N, R37E, E10E, Leasing, New Mexico	40	HBP	Lynch Oil Trust	0.585938%	ARCO Boyle Hartman and wife, Margaret Hartman James A. Davidson, separate property Lorry A. Nemyr, separate property James E. Burr and wife, Loreto Burr Jack Fletcher and wife, Delphia Fletcher
				Joe L. Elford	0.010851%	
				FA Trust, Joe L. Elford and Christine L. Elford, Trustees	0.010851%	
				Jones-COM Ltd	0.065104%	
				Katherine Cone Kreck	0.833333%	
				Joan Brown Trust, American SI Bk and Jerry M. Elford, Trustee	0.039063%	
				Niky Rollif, Nancy Wollmer and Joel Nislar Trust, American Sls SI Bk and Jerry Nislar, Co-Trustees	0.019531%	
				Joe S. Nislar Estate	0.078125%	
				Joe L. Nislar and American SI Bk Co-Trustees	0.039063%	
				Sharon Antoinette Burnos	0.0520850%	
40	E 1/4, NE 1/4, Sec 16, T1N, R37E, E10E, Leasing, New Mexico	40	HBP	Jerry N. Nislar	0.0039075%	ARCO Boyle Hartman and wife, Margaret Hartman James A. Davidson, separate property Lorry A. Nemyr, separate property James E. Burr and wife, Loreto Burr Jack Fletcher and wife, Delphia Fletcher
				Mildred Nislar	0.0078150%	
				Joan N. Brown	0.0039075%	
				Mark A. Hannifin	0.130213%	
				American Sls Bk and Martha McEvoy Pope, Co-Trustees of the Hattie C. Wilkoms Trust	0.781500%	
				Loreto M. Kelly, Life Estate	0.113270%	
				James M. Morey and The Liberty NAT BK,		

EXHIBIT "B"

TO UNIT AGREEMENT, SOUTH JUDITH UNIT
ITTA COUNTY, NEW MEXICO

Tract	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
	Co-Trustees of the Three Mourning Roanney Testamentary Trust, Trust # 114,507400R			0.292950%		
	Jimmy D. Morey and Mary M. Morey, Co-Trustees of the Jimmy D. Morey Revocable Trust			0.146475%		
	Marilyn M. Low and James B. Low, Co-Trustees of the Marilyn M. Low Revocable Trust			0.146475%		
	Thurgood Lane Trust, Marilyn Cone Trust, The New Mexico Co P.O. Box 2479			0.089840%		
	Leon Binkley & Donna Frost as Personal Reps of the Estate of Kathleen Cone			0.130212%		
	Amarillo NIT Bk as Trustee for Sinda Willis (lives)			0.449200%		
	Revocable Trust			0.113300%		
	Emil Mosbacher Jr. "C" Acct			0.046900%		
	c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr. "A" Acct			0.046800%		
	c/o R. Bruce Mosbacher			0.046800%		
	Emil Mosbacher Jr. "B" Acct			0.469000%		
	c/o R. Bruce Mosbacher			0.469000%		
	Jo Ann Seavers			0.906360%		

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
	Knaply Trust Co. as Successor Corporate Trustee of the Lytle Oil Trust			0.585900%		
	North Central Oil Corp. Southland Royalty Co.			1.093700%		
	Jo Ann Seewers Trustee of the Trust created in the w/o James H. Seewers			1.562500%		
	S. L. Cone Jr.			0.022659%		
	Marjorie Cone Kristman			0.833330%		
	Christine Toles Elliott			0.833330%		
	Lunice Cone Gibson			0.065100%		
	Marybeth Toles Mangum			0.156300%		
	Robert Mosbacher I Arct			0.065100%		
	J. Penrod Toles and Sally Toles, Trustees of the			0.046900%		
	J. Penrod Toles Trust			0.065100%		
	Altonic Richfield Company			0.781200%		
	Colbie Auvenshine			0.089840%		
	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%		
	Phillip Lewis Lee			0.130200%		
	Randolph Palmer Lee			0.260400%		
	Edwin D. Lee			0.130200%		

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

Tract No	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Robert Mosbacher A A			0.046900%		
	Robert Mosbacher I A			0.046900%		
	Robert Mosbacher K A			0.046900%		
	Ora Lee Nisior			0.195300%		
	American T. Bk. & Ora Lee Nisior Co - Trustees of the (1) Nisior, Jr. Trust			0.097650%		
	American S.I. Bk. & Ora Lee Nisior Co - Trustees of the Robert Nisior Trust			0.097650%		
	WENB Texas Mill Bk as Trustee U/W Trust's files Mary Beth Kelly Ping Nino Jean Seewers Scott as Trustee under Trust Agreement executed by Nino Jean Seewers Scott as Grantor and Stewart Boehman 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 Stinger Headington Minerals			0.037765%		
	Philip Lewis Lee			0.651042%		
	Randolph P. Lee			0.130208%		
	Edward David Lee			0.130208%		
	Mrs. E.A. Kelly			0.113281%		
	Kops Oil Co.			0.554681%		
	Jimmy Morey Revocable					

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

Tract	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
50	N1/4 NE1/4 Section 10 T25 N, R37 E, Lea County, New Mexico	40	HBP	Trust, Jimmy D. Morry and Mory Morry, Trustees	0.146484%	ARCO Doyle Hartman and wife, Margaret Hartman
				Marilyn D. Low Revocable Trust, Marilyn Low and James B. Low, Trustees	0.146484%	
				Al Mangum	0.008158%	
				JMD Trust, Al Mangum, Trustee	0.008158%	
				W.M. Trust, Al Mangum, Jr., Trustee	0.008158%	
				Lyleth Old Trust	0.585938%	
				Ida L. Elliot	0.010851%	
				I A Trust, Ida L. Elliott and Christine J Elliott, Trustees	0.010851%	
				Loles-COM Ltd	0.065104%	
				Katherine Cone Kreck	0.833333%	
50	N1/4 NE1/4 Section 10 T25 N, R37 E, Lea County, New Mexico	40	HBP	Joan Brown Trust, American SI Bk and Jerry N Nislar, Trustee	0.039063%	ARCO Doyle Hartman and wife, Margaret Hartman
				Niky Ratliff, Nancy Wollner and Joel Nislar Trust, American Sln SI Bk and Jerry Nislar, Co-trustees	0.019531%	
				Joe S Nislar Estate	0.078125%	
				Ora L. Nislar and American SI Bk, Co-trustees	0.039063%	
				Sharon Antonette Ramos	0.0520850%	
				Jerry N Nislar	0.0039075%	
				Mildred Nislar	0.0078150%	

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Joan N Brown			0.0039075%		live Mober, marital status
	Mork A Honnifin			0.130215%		unknown
	American State Bk and					Apache
	Morling McEvoy Paper					Headington Minerals, Inc
	Co-trustees of the					James A. Lloydson, separate
	Hollie C. Williams Trust			0.781300%		property
	Louella M Kelly,					Mendon Oil Production, Inc
	life Estate			0.113270%		off Puso Production Co
	James M Morey and					lucily Lou Linchon, separate
	the libelly Pitt BK,					property
	Co-trustees of the One?					Barbara Lu Rahlff, separate
	Norman Rooney					property
	testamentary Trust,					J Steve Anderson, marital
	Trust # 11430140HR			0.292950%		status unknown
	Jimmy D. Morey and					J J Burkhaul, marital status
	Mary M. Morey,					unknown
	Co-trustees of the					Larry A. Nerny, as his
	Jimmy D. Morey					separate property
	Revocable Trust			0.146475%		James F. Burr and wife,
	Marilyn M. Low and James					Layeta Burr
	B. Low, Co-trustees of the					Jack Fletcher and wife,
	Marilyn M. Low Revocable					Delphia Fletcher
	Trust			0.146475%		
	Douglas Cone Trust,					
	Marilyn Cone Trustee			0.089840%		
	The New Mexico Co					
	P.O. Box 2479			0.130212%		
	Leon Binkley & Donna					
	Frost as Personal Rep's					
	of the Estate of					
	Kathleen Cone			0.449200%		

EXHIBIT "B"

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

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
	Amarillo M11B as Trustee for Sudo Willis Oiles			0.113300%		
	Revocable Trust					
	Emil Mosbacher Jr. "Y" Acre			0.113300%		
	c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr. "A" Acre					
	c/o R. Bruce Mosbacher			0.046900%		
	Emil Mosbacher Jr. "B" Acre			0.469000%		
	c/o R. Bruce Mosbacher			0.906360%		
	Jo Ann Seewers					
	Kanaby Trust Co. as Successor Corporate Trustee of the Lyeth Oil Trust			0.585900%		
	North Central Oil Corp			1.093700%		
	Southland Royalty Co.			1.567500%		
	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 Kustman			0.833330%		
	Christine Toles Elliot			0.065100%		
	Eunice Cone Gibson			0.156300%		
	Marybeth Toles Mangum			0.065100%		
	Robert Mosbacher 1 Acre			0.046900%		
	J. Penrod Toles and Sally Toles, Trustees of the J. Penrod Toles Trust			0.065100%		
	Atlantic Richfield Company			0.781200%		
	Colbie Auvenshine			0.089840%		
	Stewart Bachman, Jr.			0.101570%		

10 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
	Kenneth G. Cone			0.089840%		
	Clifford Cone			0.089840%		
	Tom R. Cone			0.089840%		
	Allyne Kelly Fuller			0.03763%		
	John H. Hendrix Corp			0.260425%		
	Katherine Adeline Cone Keck			0.833340%		
	Robert Jackson Kelly, III			0.018887%		
	Philip Lewis Lee			0.130200%		
	Randolph Polmer Lee			0.260400%		
	Edwin D. Lee			0.130200%		
	Robert Mosbacher A Ac			0.046900%		
	Robert Mosbacher I Ac			0.046900%		
	Robert Mosbacher K Ac			0.046900%		
	Ora Lee Nislar			0.195300%		
	American Sl. Bk. & (The Lee Nislar Co - Trustees of the O.L. Nislar, Jr. Trust			0.097640%		
	American Sl. Bk. & (The Lee Nislar Co - Trustees of the Robert Nislar Trust			0.097650%		
	MCNB Texas MI Bk as Trustee U/W Paul S. (lies Mary Beth Kelly Ping			0.113270%		
	Mina Jean Seewers Scott as Trustee under Trust Agreement executed by Mina Jean Seewers Scott as Grantor and Stewart Bochman Jr. as Trustee dated 7/27/1975.			0.018887%		
	Barbara Mosbacher B Ac			0.113295%		
				0.046800%		

LXVIII "F"

10 UNIT AGREEMENT, SOUTH JUSTIS UNIT
ITTA COUNTY, NEW MEXICO

Tr No	Description of Land	Acres	Lease Status	Basic Royalty Owner Percentage	Overriding Royalty Owner Percentage	Working Interest Owner Percentage
	Barbara Mosbacher C AC			0.046800%		
	Barbara Mosbacher C AC			0.046900%		
	Mary Louise Stringer			0.037753%		
	Heodington Minerals			0.651042%		
	Phillip Lewis Lee			0.130208%		
	Randolph P. Lee			0.130208%		
	Edward David Lee			0.130208%		
	Ms F 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. Monqum			0.008138%		
	JMD Trust, A.L. Monqum, Trustee			0.008138%		
	SEW Trust, A.L. Monqum, Jr., Trustee			0.008138%		
	Lyeth Oil Trust			0.585938%		
	Ira L. Elliott			0.010851%		
	L A Trust, Ira L. Elliott and Christine L Elliott, Trustees			0.010851%		
	Ides-COM Ltd			0.065104%		
	Katherine Cone Keck			0.833333%		
	Joan Brown Trust, American Sl Bk and Jerry N. Nislar, Trustee			0.039063%		
	Niky Radliff, Nancy Wallace and Joel Nislar Trust,					

10 UNIT AGREEMENT, SOUTH JUSTIS UNIT
HIA COUNTY, NEW MEXICO

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EXHIBIT "B"

10 UNIT ACREL MCM, SOUTH JUPITER UNIT
11A COUNTY, NEW MEXICO

Tract No.	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Michael R Collins			0.195310%		0.694850%
	Terrell Hays			0.097650%		0.501850%
	Paul E Hays, Jr			0.097650%		0.468750%
	Donny Oil & Gas Company			0.024410%		0.468750%
	The Helmer Company			0.468750%		0.468750%
	Jock Workman			0.024410%		0.468750%
	J Hiram Moore, Betty Jane					0.386050%
	Moore and Michael Harrison					0.386050%
	Moore, Trustees			0.146480%		0.386050%
	United NM Trust Co. Trustee					0.347430%
	for Nevada Childrens					0.088740%
	Foundation Inc., Reno Cancer					
	Center & Nevada Hg &					
	Health Association			0.292970%		
	Charles B Reed			0.146480%		
	Linda Robinson			0.015700%		
	Royally Holding Company			2.343750%		
	Shiners Hospital for Crippled					
	Children			0.097650%		
	Eunice I Smith					
	c/o B. L. Reeves			0.015700%		
	Joni Tyson			0.048820%		
	Gertrude Olinger Tyson			0.097650%		
	James M. Welborn			0.024410%		
	NCHB Texas National Bank					
	Trustee, Trust #1311			0.820310%		
	Dolores Moores Trust					
	Team Bank					
	Fair Worth Successor					
	Trustee, Acct #5976			1.276050%		

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JUSTIS UNIT
HFA COUNTY, NEW MEXICO

Tract No	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Wagon L. Hall			0.015700%		
	Kathryn Everett Bray			0.019550%		
	Trust Corp of Montana					
	FBH Hussie L. Whitson			0.058580%		
	Peter Holmes Tyson Estate					
	Donal Tyson Successor Ind. Executor			0.048820%		
	ARCO			6.250000%		
	Moore Oil Corporation			0.658020%		
	ECS Petroleum Company			0.468750%		
	Glady's 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%		
	Roberto Redfern Garst			0.008140%		
	Corinne C. Highower Trust					
	James Vance Sladock, Trustee			0.260410%		
	James Vance Cowan Trust					
	Donald P. Topshure			0.005230%		
	Arthur E. Topshure			0.005240%		
	Larella L. Horton			0.005230%		
	J.H. Herd			0.244100%		
	Roy G. Barton Jr			0.019530%		
	Mark E. Hodge			0.019530%		
	James Vance Cowan, Trustee			0.260420%		
	Benjamin Scott Cowan Trust					
	Jack Vance Cowan, Trustee			0.260420%		

EXHIBIT "B"

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

Tr No	Description of Land	Acres	Lease Status	Basic Royalty Percentage	Overriding Royalty Percentage	Working Interest Percentage
1	1/4 HWY 66, Section 1, T1N, R1E, S12E, Lea County, New Mexico	40	unleased	ARRO	12.500000%	ARRO
TOTAL PAID UP ACRES		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%

EXHIBIT "C"

Attached to and made a part of that certain Unit Agreement
dated _____, 19____, for the South Justis Unit located in
Lea County, New Mexico

<u>TRACT NUMBER</u>	<u>UNIT PARTICIPATION PERCENT</u>
1	.648309
2	1.377364
3	3.383153
4	.813426
5	.821711
6	2.192094
7	1.829734
8	1.893095
9	1.278368
10	3.083234
11	1.850652
12	10.129934
13	.548765
14	1.040874
15	3.337506
16	1.915857
17	3.121720
18	.043063
19	1.277488
20	1.491918
21	2.323008
22	.837075
23	2.052803
24	.961458
25	1.197228
26	.921097
27	1.308680
28	.187129
28A	.202856
29	1.432614
30	2.359737
31	1.980553
32	1.154044
33	.436277
34	7.759747
35	4.153733
36	.165335
37	.288605
38	.281110

TRACT NUMBERUNIT PARTICIPATION PERCENT

39	.821142
39A	.160596
39B	.032708
40	.264797
40A	.051745
41	1.323544
42	.857037
42A	.353997
43	.535326
44	.054053
44A	.003731
45	.242369
45A	.044356
46	.768106
47	5.783629
48	6.745838
49	.825193
50	1.738529
51	5.893882
52	.453910
53	.964153

TOTAL	100.000000
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STATE	15.484354
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FEDERAL	55.861953
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<u>FEE</u>	<u>28.653693</u>
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TOTAL	100.000000
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EXHIBIT "D"

Attached To That Certain Unit Operating Agreement
dated _____ for
The South Justis Unit
Located in Lea County, New Mexico

WORKING INTEREST OWNER SUMMARY

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
American Exploration	18	0.030144
	19	0.023243
	19	<u>0.158743</u>
<i>TOTAL</i>		0.212130
American Production VI	19	0.665363
	19	<u>0.058107</u>
<i>TOTAL</i>		0.723469
Anderson, Steve	50	0.054329
ARCO	2	1.377364
	4	0.813426
	5	0.667640
	6	2.192094
	7	1.829734
	9	0.161044
	11	1.850652
	13	0.548765
	20	1.491918
	21	2.323008
	22	0.837075
	23	2.052803
	24	0.480729
	29	1.432614
	30	1.189086
	31	1.980553
	34	7.759747
	35	4.153733
	36	0.165335
	38	0.231916
	39	0.818737
	40	0.264022
	41	0.599731
	42	0.388345
	43	0.324908
	44	0.032701
	45	0.079527
	46	0.768106
	47	5.783629
	48	6.745838

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
	49	0.415820
	50	0.734085
	51	5.893882
	52	0.028369
	53	0.964153
	39A	0.160126
	39B	0.024531
	40A	0.051745
	42A	0.214853
	44A	0.002228
	45A	<u>0.014554</u>
TOTAL		57.900872
Auvenshine, Cathie Cone	52	0.002128
Bass, Lee M., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Bass, Sid R., Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Brown, Donaldson Trust	52	0.001577
Burkhart, J. L.	50	0.034771
Burr, James	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
TOTAL		0.016489
Byrom, W. K.	52	0.014018
Caspen	10	0.513975
	14	0.086740
	52	0.070214
	5	<u>0.154071</u>
TOTAL		0.825000

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Cone, A. L. Partnership	52	0.010639
—Cone, Clifford	38	0.007028
	52	<u>0.002128</u>
<i>TOTAL</i>		0.009155
Cone, D. C.	52	0.002128
Cone, J. R.	52	0.010639
Cone, Kathleen	38	0.035139
	52	<u>0.010639</u>
<i>TOTAL</i>		0.045777
Cone, Kenneth	38	0.007028
	52	<u>0.002128</u>
<i>TOTAL</i>		0.009155
Cone, Thomas	52	0.002128
Davidson, James	30	0.294967
	49	0.103149
	50	0.089598
	9	<u>0.039949</u>
<i>TOTAL</i>		0.527663
Deltex Royalty	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
<i>TOTAL</i>		0.106700
El Paso	50	0.061737
Elliott Oil Company	52	0.028369
First Century Oil Company	52	0.003154
Fletcher, Jack	9	0.001248
	30	0.009218
	49	0.003223
	50	<u>0.002800</u>
<i>TOTAL</i>		0.016489

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
FNB, Ft. Worth, Trustee	41	0.074449
	42	0.048208
	43	0.030112
	44	0.003040
	45	0.013633
	42A	0.019912
	44A	0.000210
	45A	<u>0.002495</u>
TOTAL		0.192061
FNB, Lubbock, Trustee	44A	0.000117
Fuqua, H. B., Trustee	41	0.115810
	42	0.074991
	43	0.046841
	44	0.004730
	45	0.021207
	42A	0.030975
	44A	0.000326
	45A	<u>0.003881</u>
TOTAL		0.298761
Hartman	9	0.113605
	30	0.838813
	49	0.293330
	50	<u>0.254793</u>
TOTAL		1.500541
Headington	9	0.159796
	16	0.319373
	17	0.520391
	50	<u>0.096586</u>
TOTAL		1.096146
Irene Investment	52	0.001752
Keystone Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025
Linehan, Betty Lou	50	0.054329
Mabee, Joe	50	0.108658
Marathon	18	0.012919
	25	<u>0.359168</u>
		0.372087

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
McPheron, Colleen	52	0.001752
Meridian	3	3.383153
	8	1.893095
	9	0.798980
	10	2.569259
	14	0.954135
	15	3.337506
	16	1.596484
	17	2.601329
	24	0.473218
	37	0.288605
	39	0.002406
	40	0.000776
	41	0.206804
	42	0.133912
	43	0.001307
	44	0.000238
	45	0.068166
	49	0.006447
	50	0.075456
	52	0.095747
	39A	0.000470
	39B	0.008177
	42A	0.000864
	44A	0.000016
	45A	<u>0.012475</u>
TOTAL		18.509024
Moores Oil Corp.	41	0.057905
	42	0.037495
	43	0.023421
	44	0.002365
	45	0.010604
	42A	0.015487
	44A	0.000163
	45A	<u>0.001941</u>
TOTAL		0.149381
MW Petroleum (Apache)	33	0.436277
	50	<u>0.108658</u>
TOTAL		0.544935
Nermyr, Larry	9	0.002497
	24	0.007511
	30	0.018435
	50	<u>0.005600</u>
TOTAL		0.034044

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
New York Life II-E	19	0.127537
New York Life II-F	19	0.059740
New York Life II-G	19	0.144934
New York Life II-B	19	<u>0.039822</u>
- TOTAL		0.372032
Oryx	41	0.062041
	42	0.040174
	43	0.025093
	44	0.002534
	45	0.011361
	42A	0.016594
	44A	0.000087
	45A	<u>0.002079</u>
TOTAL		0.159963
Pacific Enterprises	25	0.838059
Ratliff, Barbara Lu	50	0.054329
Read, Charles	52	0.001752
Schieffer, Patricia P. Trust	52	0.002278
Taylor, Ann H. (McPheron)	52	0.003504
Texaco	1	0.648309
	12	10.129934
	26	0.921097
	27	1.308680
	28	0.187129
	32	1.154044
	52	0.158869
	28A	<u>0.202856</u>
TOTAL		14.710918
Thru Line Inc.	41	0.031021
	42	0.020087
	43	0.012547
	44	0.001267
	45	0.005681
	42A	0.008297
	44A	0.000087
	45A	<u>0.001040</u>
TOTAL		0.080025

<u>WORKING INTEREST OWNER</u>	<u>TRACT NUMBER(S)</u>	<u>PARTICIPATION PERCENTAGES</u>
Way Enterprises	41	0.041361
	42	0.026782
	43	0.016729
	44	0.001689
	45	0.007574
	42A	0.011062
	44A	0.000117
	45A	<u>0.001386</u>
<i>TOTAL</i>		0.106700
 GRAND TOTAL		 100.000000

EXHIBIT

" E "

Attached to and made a part of: THAT UNIT OPERATING AGREEMENT DATED BY AND BETWEEN
ATLANTIC RICHFIELD COMPANY, AS OPERATOR, AND TEXACO INC., ET AL, AS
NON OPERATORS

ACCOUNTING PROCEDURE JOINT OPERATIONS

I. GENERAL PROVISIONS

1. Definitions

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.
"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.
"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Joint Operations and which are to be shared by the Parties.
"Operator" shall mean the party designated to conduct the Joint Operations.
"Non-Operators" shall mean the Parties to this agreement other than the Operator.
"Parties" shall mean Operator and Non-Operators.
"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the direct supervision of other employees and/or contract labor directly employed on the Joint Property in a field operating capacity.
"Technical Employees" shall mean those employees having special and specific engineering, geological or other professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and problems for the benefit of the Joint Property.
"Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees.
"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.
"Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual most recently recommended by the Council of Petroleum Accountants Societies.

2. Statement and Billing

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Joint Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits summarized by appropriate classifications of investment and expense except that items of Controllable Material and unusual charges and credits shall be separately identified and fully described in detail.

3. Advances and Payments by Non-Operators

- A. Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance the share of estimated cash outlay for the succeeding month's operation within fifteen (15) days after receipt of the billing or by the first day of the month for which the advance is required, whichever is later. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.
- B. Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the prime rate in effect at CITIBANK N.A. NEW YORK on the first day of the month in which delinquency occurs plus 1% or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser, plus attorney's fees, court costs, and other costs in connection with the collection of unpaid amounts.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

5. Audits

- A. Non-Operators upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section.
- Where there are three or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct an audit in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator. The audit shall not be conducted more than once each year without prior approval of Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of those Non-Operators approving such audit.

- B. The Operator shall reply in writing to an audit report within 120 days after receipt of such report.

6. Approval By Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of the Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provision in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. Ecological and Environmental

Costs incurred for the benefit of the Joint Property as a result of governmental or regulatory requirements to satisfy environmental considerations applicable to the Joint Operations. Such costs may include surveys of an ecological or archaeological nature and pollution control procedures as required by applicable laws and regulations.

2. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

3. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations.
- (2) Salaries of First Level Supervisors in the field.
- (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the overhead rates.
- (4) Salaries and wages of Technical Employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property if such charges are excluded from the overhead rates.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II. Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II.

4. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II shall be Operator's actual cost not to exceed the percent most recently recommended by the Council of Petroleum Accountants Societies.

5. Material

Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

6. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store where like material is normally available or railway receiving point nearest the Joint Property unless agreed to by the Parties.

- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store where like material is not available, or railway receiving point nearest the Joint Property unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.

In the application of subparagraphs A and B above, the option to equalize or charge actual trucking cost is available when the actual charge is \$400 or less excluding accessorial charges. The \$400 will be adjusted to the amount recently recommended by the Council of Petroleum Accountants Societies.

7. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 10 of Section II and Paragraph i, ii, and iii, of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the overhead. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

8. Equipment and Facilities Furnished By Operator

- A. Operator shall charge the Joint Account for use of Operator owned equipment and facilities at rates commensurate with costs of ownership and operation. Such rates shall include costs of maintenance, repairs, other operating expenses, insurance, taxes, depreciation, and interest on gross investment less accumulated depreciation not to exceed TWELVE percent (12%) per annum. Such rates shall not exceed average commercial rates currently prevailing in the immediate area of the Joint Property.
- B. In lieu of charges in paragraph 8A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by Petroleum Motor Transport Association.

9. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

10. Legal Expense

Expense of handling, investigating and settling litigation or claims, discharging of liens, payment of judgments and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section I, Paragraph 3.

11. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the Joint Account shall be made and paid by the Parties hereto in accordance with the tax value generated by each party's working interest.

12. Insurance

Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation and or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

13. Abandonment and Reclamation

Costs incurred for abandonment of the Joint Property, including costs required by governmental or other regulatory authority.

14. Communications

Cost of acquiring, leasing, installing, operating, repairing and maintaining communication systems, including radio and microwave facilities directly serving the Joint Property. In the event communication facilities, systems serving the Joint Property are Operator owned, charges to the Joint Account shall be made as provided in Paragraph 8 of this Section II.

15. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

III. OVERHEAD

1. Overhead - Drilling and Producing Operations

- i. As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge drilling and producing operations on either:

(X) Fixed Rate Basis, Paragraph 1A, or
() Percentage Basis, Paragraph 1B

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 3A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

- ii. The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant services and contract services of technical personnel directly employed on the Joint Property:

() shall be covered by the overhead rates, or
(X) shall not be covered by the overhead rates.

- iii. The salaries, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services and contract services of technical personnel either temporarily or permanently assigned to and directly employed in the operation of the Joint Property:

(X) shall be covered by the overhead rates, or
() shall not be covered by the overhead rates.

A. Overhead - Fixed Rate Basis

- (1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate \$ 5,000.00
(Prorated for less than a full month)

Producing Well Rate \$ 500.00

- (2) Application of Overhead - Fixed Rate Basis shall be as follows:

(a) Drilling Well Rate

- (1) Charges for drilling wells shall begin on the date the well is spudded and terminate on the date the drilling rig, completion rig, or other units used in completion of the well is released, whichever is later, except that no charge shall be made during suspension of drilling or completion operations for fifteen (15) or more consecutive calendar days.
- (2) Charges for wells undergoing any type of workover or recompletion for a period of five (5) consecutive work days or more shall be made at the drilling well rate. Such charges shall be applied for the period from date workover operations, with rig or other units used in workover, commence through date of rig or other unit release, except that no charge shall be made during suspension of operations for fifteen (15) or more consecutive calendar days.

(b) Producing Well Rates

- (1) An active well either produced or injected into for any portion of the month shall be considered as a one-well charge for the entire month.
 - (2) Each active completion in a multi-completed well in which production is not commingled down hole shall be considered as a one-well charge providing each completion is considered a separate well by the governing regulatory authority.
 - (3) An inactive gas well shut in because of overproduction or failure of purchaser to take the production shall be considered as a one-well charge providing the gas well is directly connected to a permanent sales outlet.
 - (4) A one-well charge shall be made for the month in which plugging and abandonment operations are completed on any well. This one-well charge shall be made whether or not the well has produced except when drilling well rate applies.
 - (5) All other inactive wells (including but not limited to inactive wells covered by unit allowable, lease allowable, transferred allowable, etc.) shall not qualify for an overhead charge.
- (3) The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the calendar year preceding as shown by the index of average weekly earnings of Crude Petroleum and Gas Production Workers as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian index as published by Statistics Canada, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

B. Overhead - Percentage Basis

- (1) Operator shall charge the Joint Account at the following rates:

(a) Development

_____ Percent (_____ %) of the cost of development of the Joint Property exclusive of costs provided under Paragraph 10 of Section II and all salvage credits.

(b) Operating

_____ Percent (_____ %) of the cost of operating the Joint Property exclusive of costs provided under Paragraphs 2 and 10 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in the Joint Property.

(2) Application of Overhead - Percentage Basis shall be as follows:

For the purpose of determining charges on a percentage basis under Paragraph 1B of this Section III, development shall include all costs in connection with drilling, redrilling, deepening, or any remedial operations on any or wells involving the use of drilling rig and crew capable of drilling to the producing interval on the Joint Property; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandonment when the well is not completed as a producer, and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction defined in Paragraph 2 of this Section III. All other costs shall be considered as operating.

2. Overhead - Major Construction

To compensate Operator for overhead costs incurred in the construction and installation of fixed assets, the expansion of fixed assets, and any other project clearly discernible as a fixed asset required for the development and operation of the Joint Property, Operator shall either negotiate a rate prior to the beginning of construction, or shall charge the Joint Account for overhead based on the following rates for any Major Construction project in excess of \$ 50,000.00 :

- A. 5 % of first \$100,000 or total cost if less, plus
- B. 3 % of costs in excess of \$100,000 but less than \$1,000,000, plus
- C. 2 % of costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells and artificial lift equipment shall be excluded.

3. Catastrophe Overhead

To compensate Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill, blowout, explosion, fire, storm, hurricane, or other catastrophes as agreed to by the Parties, which are necessary to restore the Joint Property to the equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate prior to charging the Joint Account or shall charge the Joint Account for overhead based on the following rates:

- A. 5 % of total costs through \$100,000; plus
- B. 3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus
- C. 2 % of total costs in excess of \$1,000,000.

Expenditures subject to the overheads above will not be reduced by insurance recoveries, and no other overhead provisions of this Section III shall apply.

4. Amendment of Rates

The overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all Material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

1. Purchases

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reasons, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following basis exclusive of cash discounts:

A. New Material (Condition A)

(1) Tubular Goods Other than Line Pipe

- (a) Tubular goods, sized 2 1/2 inches OD and larger, except line pipe, shall be priced at Eastern mill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered, the 70,000 pound or 90,000 pound rail rate may be used. Freight charges for tubing will be calculated from Lorain, Ohio and casing from Youngstown, Ohio.
- (b) For grades which are special to one mill only, prices shall be computed at the mill base of that mill plus transportation cost from that mill to the railway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30,000 pound Oil Field Haulers Association interstate truck rate shall be used.
- (c) Special end finish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, using Oil Field Haulers Association interstate 30,000 pound truck rate, to the railway receiving point nearest the Joint Property.
- (d) Macaroni tubing (size less than 2 1/2 inch OD) shall be priced at the lowest published out-of-stock prices f.o.b. the supplier plus transportation costs, using the Oil Field Haulers Association interstate truck rate per weight of tubing transferred, to the railway receiving point nearest the Joint Property.

(2) Line Pipe

- (a) Line pipe movements (except size 24 inch OD and larger with walls 3/4 inch and over) 30,000 pounds or more shall be priced under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (b) Line pipe movements (except size 24 inch OD and larger with walls 3/4 inch and over) less than 30,000 pounds shall be priced at Eastern mill published carload base prices effective as of date of shipment, plus 20 percent, plus transportation costs based on freight rates as set forth under provisions of tubular goods pricing in Paragraph A.(1)(a) as provided above. Freight charges shall be calculated from Lorain, Ohio.
 - (c) Line pipe 24 inch OD and over and 3/4 inch wall and larger shall be priced f.o.b. the point of manufacture at current new published prices plus transportation cost to the railway receiving point nearest the Joint Property.
 - (d) Line pipe, including fabricated line pipe, drive pipe and conduit not listed on published price lists shall be priced at quoted prices plus freight to the railway receiving point nearest the Joint Property or at prices agreed to by the Parties.
- (3) Other Material shall be priced at the current new price, in effect at date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property.
- (4) Unused new Material, except tubular goods, moved from the Joint Property shall be priced at the current new price, in effect on date of movement, as listed by a reliable supply store nearest the Joint Property, or point of manufacture, plus transportation costs, if applicable, to the railway receiving point nearest the Joint Property. Unused new tubulars will be priced as provided above in Paragraph 2 A (1) and (2).

B. Good Used Material (Condition B)

Material in sound and serviceable condition and suitable for reuse without reconditioning:

(1) Material moved to the Joint Property

At seventy-five percent (75%) of current new price, as determined by Paragraph A.

(2) Material used on and moved from the Joint Property

- (a) At seventy-five percent (75%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as new Material or
- (b) At sixty-five percent (65%) of current new price, as determined by Paragraph A, if Material was originally charged to the Joint Account as used Material.

(3) Material not used on and moved from the Joint Property

At seventy-five percent (75%) of current new price as determined by Paragraph A.

The cost of reconditioning, if any, shall be absorbed by the transferring property.

C. Other Used Material

(1) Condition C

Material which is not in sound and serviceable condition and not suitable for its original function until after reconditioning shall be priced at fifty percent (50%) of current new price as determined by Paragraph A. The cost of reconditioning shall be charged to the receiving property, provided Condition C value plus cost of reconditioning does not exceed Condition B value.

(2) Condition D

Material, excluding junk, no longer suitable for its original purpose, but usable for some other purpose shall be priced on a basis commensurate with its use. Operator may dispose of Condition D Material under procedures normally used by Operator without prior approval of Non-Operators.

- (a) Casing, tubing, or drill pipe used as line pipe shall be priced as Grade A and B seamless line pipe of comparable size and weight. Used casing, tubing or drill pipe utilized as line pipe shall be priced at used pipe prices.
- (b) Casing, tubing or drill pipe used as higher pressure service lines than standard line pipe, e.g. power oil line shall be priced under normal pricing procedures for casing, tubing, or drill pipe. Upset tubular goods shall be priced on a non upset basis.

(3) Condition E

Junk shall be priced at prevailing prices. Operator may dispose of Condition E Material under procedures normally utilized by Operator without prior approval of Non-Operators.

D. Obsolete Material

Material which is serviceable and usable for its original function but condition and/or value of such Material is equivalent to that which would justify a price as provided above may be specially priced as agreed to by the Parties. Such price should result in the Joint Account being charged with the value of the service rendered by such Material.

E. Pricing Conditions

- (1) Loading or unloading costs may be charged to the Joint Account at the rate of twenty-five cents (25¢) per hundred weight on all tubular goods movements, in lieu of actual loading or unloading costs sustained at the stockpile point. The above rate shall be adjusted as of the first day of April each year following January 1, 1985 by the same percentage increase or decrease used to adjust overhead rates in Section III, Paragraph 1.A(3). Each year, the rate calculated shall be rounded to the nearest cent and shall be the rate in effect until the first day of April next year. Such rate shall be published each year by the Council of Petroleum Accountants Societies.
- (2) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

3. Premium Prices

Whenever Material is not readily obtainable at published or listed prices because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in providing such Material, in making it suitable for use, and in moving it to the Joint Property; provided notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within ten days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

4. Warranty of Material Furnished By Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

V. INVENTORIES

The Operator shall maintain detailed records of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

2. Reconciliation and Adjustment of Inventories

Adjustments to the Joint Account resulting from the reconciliation of a physical inventory shall be made within six months following the taking of the inventory. Inventory adjustments shall be made by Operator to the Joint Account for overages and shortages, but, Operator shall be held accountable only for shortages due to lack of reasonable diligence.

3. Special Inventories

Special inventories may be taken whenever there is any sale, change of interest, or change of Operator in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory. In cases involving a change of Operator, all Parties shall be governed by such inventory.

4. Expense of Conducting Inventories

- A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the Parties.
- B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except in inventories required due to change of Operator shall be charged to the Joint Account.

EXHIBIT "F"

Attached To and Made a Part of
The Unit Operating Agreement for
South Justis Unit.
Lea County, New Mexico

ADDITIONAL INSURANCE PROVISIONS

1. **OPERATOR** shall, at all times while conducting operations hereunder, comply with all Workers' Compensation and Occupational Disease Laws including the United States Longshoremen's and Harbor Workers' Compensation Act; provided, however, that **OPERATOR** may be a self-insurer for liability under said compensation laws in which event the only charge that shall be made to the joint account shall be **OPERATOR'S** actual cost but not exceeding an amount equivalent to the premium which would have been paid had such insurance been obtained.
2. No other insurance shall be carried by **OPERATOR** for the joint account unless agreed to by all the parties hereto.
3. **OPERATOR** shall require all contractors and subcontractors to carry such insurance in such amounts as **OPERATOR** deems adequate.
4. Each co-owner may procure such insurance with respect to the jointly owned properties and operations as it deems necessary to protect itself against claims and damages and all insurance policies shall be endorsed to provide that underwriters and insurance carriers of co-owner shall not have any right of subrogation against **OPERATOR** and other co-owners.

EXHIBIT "G"

Attached To and Made a Part of
The Unit Operating Agreement for
South Justis Unit.
Lea County, New Mexico

EQUAL EMPLOYMENT OPPORTUNITY PROVISION

During the performance of this contract, the Operator (meaning and referring separately to each party hereto) agrees as follows:

- (1) The Operator will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The Operator will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Operator agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The Operator will in all solicitations or advertisements for employees placed by or on behalf of the Operator, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
- (3) The Operator will send to each labor union or representative of workers with which Operator has a collective bargaining agreement or other contract or understanding, a notice to be provided, advising the said labor union or workers' representatives of the Operator's commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Operator will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Operator will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to Operator's books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Operator's non-compliance with the non-discrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the Operator may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions in Executive Order 11246 of September 24, 1965, or by rules, regulations, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The Operator will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the

Secretary of labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Operator will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions including sanctions for non-compliance: provided, however, that in the event the Operator becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Operator may request the United States to enter into such litigation to protect the interests of the United States.

Operator acknowledges that Operator may be required to file Standard Form 100 (EEO-1) promulgated jointly by the Office of Federal Contract Compliance, the Equal Employment Opportunity Commission and Plans for Progress with the appropriate agency within 30 days of the date of contract award if such report has not been filed for the current year and otherwise comply with or file such other compliance reports as may be required under Executive Order 11246, as amended and Rules and Regulations adopted thereunder.

Operator further acknowledges that Operator may be required to develop a written affirmative action compliance program as required by the Rules and Regulations approved by the Secretary of labor under authority of Executive Order 11246 and supply each other party hereto with a copy of such program if so requested.

Certification of Nonsegregated Facilities

By entering into this contract, the Operator certifies that Operator does not and will not maintain or provide for Operator's employees any segregated facilities at any of Operator's establishments, and that Operator does not and will not permit Operator's employees to perform their services at any location, under Operator's control, where segregated facilities are maintained. The Operator agrees that a breach of this certification is a violation of the Equal Opportunity clause in this contract. As used in this certification, the term "segregated facilities" means, but is not limited to, any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom or otherwise. Operator further agrees that (except where Operator has obtained identical certifications from proposed contractors and subcontractors for specific time periods) Operator will obtain identical certifications from proposed contractors and subcontractors prior to the award of contracts or subcontracts exceeding \$10,000.00 which is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for each contract and subcontract or for all contracts and subcontracts during a period (i.e., quarterly, semiannually, or annually).

GAS BALANCING AGREEMENT

Unit

Attached to and made a part of that certain Operating Agreement, dated _____, between
Atlantic Richfield Company, as Operator,
 and Texaco, Inc., et al. as Non-Operator

I. Definitions

- A. "Gas" includes natural gas produced from a Well that produces Gas Well Gas, including all constituent parts of such natural gas except liquid hydrocarbons and condensate recovered by primary separation equipment.
- B. "Gas Well Gas" is gas produced from a Well classified as a gas well by the regulatory body having jurisdiction.
- C. "Balanced" is that condition which occurs when a party hereto has taken the same percentage of the cumulative volume of Gas production it is entitled to take pursuant to the terms of the Operating Agreement.
- D. "Overproduced" is the status of a party when the percentage of the cumulative volume of Gas taken by that party exceeds that party's percentage interest of the volume of cumulative Gas production of all parties to the Operating Agreement under and pursuant to the terms of said Operating Agreement.
- E. "Underproduced" is the status of a party when the percentage of cumulative volume of Gas taken by that party is less than that party's percentage interest of the volume of cumulative Gas production of all parties to the Operating Agreement under and pursuant to the terms of said Operating Agreement.
- F. "Well" is defined as each well subject to the Operating Agreement that produces Gas Well Gas. If a single Well is completed in two or more reservoirs, such Well shall be considered a separate Well with respect to, but only with respect to, each reservoir from which the Gas produced is not commingled in the wellbore.

II. Application of this Agreement

The parties to the Operating Agreement to which this Gas Balancing Agreement is attached own the working or operating interests in the Gas underlying the Contract Area covered by such Agreement and are entitled to share in the percentages therein as stated in the Operating Agreement.

In accordance with the terms of the Operating Agreement, each party shall take its share of Gas produced from the Contract Area and market or otherwise dispose of same. In the event a party hereto does not take in kind or market its share of Gas or has contracted to sell its share of Gas produced from the Contract Area to a purchaser which, at any time while this Agreement is in effect, fails to take the share of Gas attributable to the interest of such party, the terms of this Gas Balancing Agreement shall automatically become effective.

The Operator has the duty to control Gas production and the responsibility of administering the provisions of this Gas Balancing Agreement. The Operator shall cause deliveries to be made to the Gas purchasers at such rates as may be required to give effect to the intent that the Gas production accounts of all parties are, to the extent practicable, to be or become Balanced.

The provisions of this Agreement shall be applied to each Well separately as if each Well was covered by separate but identical agreements.

III. Storing and Making Up Gas Production

A. Right to Take and Market Gas

During any period or periods when any party hereto does not take, has no market for, or the market of a party is not sufficient to take that party's full share of the Gas produced from any Well located on the Contract Area, or such party's purchaser otherwise fails to take such party's share of Gas produced from any such Well located on the Contract Area, resulting in such party becoming Underproduced (such party being herein referred to as an "Underproduced party") the other party or parties shall be entitled, but not required, to produce from said Well on the Contract Area (and take or deliver to their respective purchaser(s) each month, all or a part of that portion of the allowable Gas production assigned to such Well by the regulatory body having jurisdiction. Any party so taking or delivering Gas which results in such party becoming Overproduced is herein referred to as an "Overproduced party". Irrespective of the other provisions hereof, no Overproduced party may, without the express written approval of the Underproduced party, take or market Gas in quantities in excess of 150% of such Overproduced party's share of the Gas allowable assigned by the regulatory body having jurisdiction over such Well or 150% of such party's share of the then current deliverability of the Well including associated pipeline pressure, whichever is the lesser quantity of Gas.

Those parties which are capable of taking and/or marketing quantities of Gas allocable to an Underproduced party, in the absence of any other agreement between them, shall each take a share of the Gas attributed to the Underproduced party or parties in the direct proportion that their respective interests bear to the total interest of all parties taking Gas who are also considered Overproduced.

All parties hereto shall share in and own the liquid hydrocarbons recovered from such Gas by primary separation equipment in accordance with their respective interests and subject to the terms of the above described Operating Agreement, whether or not such parties are actually taking and/or marketing Gas at such time.

B. Making Up Underproduction

Each party failing to market its share of the total volume of Gas produced or failing to take its full share of the total volume of Gas produced shall be considered Underproduced and shall be credited with Gas in storage equal to its percentage share of the total volume of Gas produced under this Agreement, less that portion of the Gas actually marketed or taken by such party, Gas used in operations, vented, or lost.

Any Underproduced party shall endeavor to bring its taking of Gas into a Balanced condition. Upon written notice to the Operator, any Underproduced party may thereafter begin taking or delivering to its purchaser its full share of the Gas produced from a Well (less any used in operations, vented, or lost). To allow for the recovery of Gas in storage and to balance the Gas account of the parties in accordance with their respective interests, an Underproduced party shall be entitled to take or deliver to a purchaser its full share of Gas produced from such Well (less any used in operations, vented, or lost) plus, (i) for the months of March, April, May, June, July, August, September and October only of any calendar year during which this agreement may be in place, an amount up to an additional fifty percent (50%) of the monthly quantity of Gas attributable to the Overproduced party or parties, or (ii) for the months of November, December, January and February only of any calendar year or years during which this agreement may be in place, an amount up to an additional twenty-five percent (25%) of the monthly quantity of Gas attributable to the Overproduced party or parties. If more than one Underproduced party is entitled to take additional Gas, they shall divide the additional Gas in proportion to their respective Underproduced accounts. The first Gas made up shall be assumed to be the first Gas Underproduced.

C. Gas Balance Reporting

Each party taking Gas shall furnish or cause to be furnished to the Operator a monthly written statement of Gas volumes taken and the identity of its Gas purchaser, if any, no later than thirty (30) days after the production month. Operator shall not be required to adjust its Gas accounting statements reflecting a different Gas purchaser until the first day of the month following the month in which such notice is received by the Operator. The Operator will maintain appropriate accounting on a monthly and cumulative basis of the quantities of Gas each party is entitled to take and/or market and the quantities of Gas taken and/or marketed by each of the parties to their respective Gas purchasers. With respect to Gas purchased from or transported for more than one party by or through one pipeline connected to the Well, each party selling to or transporting through such one pipeline shall furnish to Operator or cause the pipeline owner to furnish to Operator monthly volume statements showing the split of ownership through such pipeline's sales or pipeline inlet meter during the preceding calendar month. Within ninety (90) days after the end of each producing calendar month, the Operator shall furnish each party a statement showing the status of the Overproduced and Underproduced accounts of all parties.

To determine respective volumes of Gas taken by separate Gas pipelines connected to the Well, measurement of Gas for overproduction and underproduction shall be accomplished by use of sales meters and lease measurement equipment which shall be in accordance with AGA requirements.

Each party to this agreement agrees that it will not utilize any information obtained hereunder for any purpose other than implementing or administering the terms of this Gas Balancing Agreement.

D. Royalty and Production Tax

At all times while Gas is produced from the Contract Area, unless otherwise required by any State or Federal law or regulation, each party shall pay or cause to be paid all royalty due and payable on its share of Gas production as if each party were taking or delivering to a Gas purchaser its share of Gas production. Each party agrees to hold each other party harmless from any and all claims for royalty payments asserted by its royalty owners. The term "royalty owner" shall include owners of royalty, overriding royalties, production payments, and similar interests payable out of production.

Each party producing and taking or delivering Gas to its Gas purchaser shall pay, or cause to be paid, all production and severance taxes due on all volumes of Gas actually taken or sold by such party.

IV. Cash Settlement

A. Volume/Value

If at the permanent termination of production of Gas from a Well located on the Contract Area, or change in ownership as described in Paragraph IV D. below, an imbalance exists between the parties, a cash settlement of the imbalance between the parties relative to such Well shall be made. The amount of the cash settlement will be limited to the proceeds actually received by the Overproduced party or parties at the time of overproduction, less transportation and applicable treating charges and production and severance taxes paid on such overproduction. Royalty shall only be deducted from such proceeds attributable to the overproduction if actually paid to royalty owners by the Overproduced party or parties. No interest shall be added to any cash settlement hereunder. If there is more than one Overproduced party, the cash settlement shall be based on a weighted average of the proceeds actually received as above described by all Overproduced parties. If the Overproduced party or parties did not sell its Gas, such Gas will be valued in the same manner used for royalty calculation purposes when produced. That portion of the monies collected by the Overproduced party or parties which is subject to refund by orders of the Federal Energy Regulatory Commission ("FERC") may be withheld by the Overproduced party or parties until such prices are fully approved by FERC, unless the Underproduced party or parties furnish a corporate undertaking acceptable to the Overproduced party or parties agreeing to hold the Overproduced party or parties harmless from financial loss due to refund orders by FERC.

B. Collection and Distribution

Operator shall provide within thirty (30) days of permanent termination of Gas production a final accounting of the Gas balance to all parties hereto. Overproduced parties, within thirty (30) days of receipt of the final accounting of the Gas balance, shall provide Operator with a monthly statement of revenue and volume for each month during which overproduction occurred that has not been made-up. Within thirty (30) days after the receipt of such monthly statements from Overproduced parties, Operator shall calculate and invoice each Overproduced party for its share of the cash settlement, based on said revenue and volume statements, due each Underproduced party. Overproduced parties shall make settlement, based on the invoiced amount, to the Operator within thirty (30) days after receipt of said invoice. Such payment shall relieve an Overproduced party of liability to any other party for the sums paid. Operator shall promptly distribute the funds it receives to the Underproduced parties in that proportion that each Underproduced party's volume of Gas in storage bears to the total of all Underproduced parties' volumes of Gas in storage. Operator agrees that it will not utilize any information obtained pursuant to this Section IV of this Gas Balancing Agreement for any purpose other than implementing or administering the terms of this Gas Balancing Agreement.

C. Responsibility and Liability for Collection

Operator shall not be liable to any Underproduced party for the failure of any Overproduced party to pay any amounts owed pursuant to the terms hereof. In the event that any party fails to pay any sum due under the terms hereof after demand therefor by the Operator, the Operator may turn responsibility for the collection of such sum to the party or parties to whom it is owed, and Operator shall have no further responsibility in the event that such sums are not paid. Any party shall have the right after expiration of thirty (30) days after Operator shall have provided a final accounting of the Gas balance to all parties hereto to demand on thirty (30) days advance written notice to both Operator and all Overproduced parties that any payments due to such party for such party's Underproduced volumes shall be paid directly to such party by the Overproduced party(s), rather than being paid through Operator. In the event that any Overproduced party pays to Operator any sums due to an Underproduced party at any time after thirty (30) days following the receipt of such written notification of a demand that such Underproduced party receive such payment directly, the Overproduced party(s) shall continue to be liable to such Underproduced party for any sums so paid, until such payment is actually received by such Underproduced party. In no event shall Operator be liable or responsible for any amount of cash settlement based on a value asserted by an Underproduced party different than the value calculated based on the revenue and volume statements provided by the Overproduced party or parties.

D. Ownership Changes

In the event an Overproduced party intends to sell, assign, exchange or otherwise transfer any of its interest in a Well located on the Contract Area, such Overproduced party shall notify in writing the other working interest owners who are parties hereto in such Well of such fact within forty-five (45) days prior to closing the transaction. Any Underproduced party may demand of such Overproduced party in writing, within twenty (20) days after receipt of the Overproduced party's notice of intent to sell, assign, exchange or otherwise transfer its interest in a Well, a cash settlement of its underproduction attributed to such Overproduced party's overproduction in the Well. Any Underproduced party electing to cash settle with the Overproduced party shall thereby indemnify and hold the Overproduced party harmless against any causes of action, claims, losses or other actions which may be claimed by any third party, including, but not limited to, any purchaser of the Gas of the Underproduced party, as a result of the cash settlement. The Operator shall be notified of any such demand and of any cash settlement pursuant to this Paragraph IV.D., and the Gas balance accounts of the parties shall be adjusted accordingly. Any cash settlement pursuant to this paragraph IV.D. shall be on the same basis as otherwise set forth in paragraphs IV.A. through IV.C. hereof.

The provision of this Paragraph IV.D. shall not be applicable in the event an Overproduced party has mortgaged its interests, or disposed of its interests by merger, reorganization, consolidation, or sale of substantially all of its assets to a subsidiary or parent company, or to any company in which any parent or subsidiary owns a majority of the stock of such company.

V. Miscellaneous

A. Term

This Agreement shall remain in force and effect as long as the Operating Agreement to which it is attached remains in force and effect, and thereafter until the Gas balance accounts between the parties are settled in full, and shall inure to the benefit of and be binding upon the parties hereto, their heirs, successors, legal representatives and assigns.

B. Expenses

Nothing herein shall change or affect each party's obligations to pay its proportionate share of all costs and liabilities incurred in operations on the Contract Area as its share thereof is set forth in the Operating Agreement to which this Agreement is attached.

C. Well Tests

Nothing herein shall be construed to deny any party the right, from time to time, to produce and take or deliver to its Gas purchaser up to 100% of the entire Well stream to meet the deliverability test required by its Gas purchaser, provided that such tests are reasonable in light of overall industry standards.

D. Monitoring of Takes of Production

Each party shall, at all times, use its best efforts to regulate its takes and deliveries from each Well on said Contract Area so that no Well will be shut-in for overproducing the allowable assigned thereto by the regulatory body having jurisdiction. Additionally, each party shall communicate, as necessary, the contents of this agreement to its respective Gas purchaser(s) or transporter(s) and shall monitor its deliveries to its respective Gas purchaser(s) or transporter(s) so as to ensure to the greatest extent practicable that its Gas purchaser(s) or transporter(s) does not take Gas in excess of the quantities provided for herein.

EXHIBIT "g"

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
				Percentage	Percentage	Percentage
	John D. Atkins			0.020500%		
	Lillian Smith Word			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%		
	Maudie 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 Elmer Erickson Knox			0.005170%		
	Don J. Robertson			0.223200%		
	Roma A. Syfert			0.034730%		
	Rosalind Lielhold			0.002170%		
	William M. Diltner, Sr.			0.002170%		
	John A. Diltner			0.002170%		
	Albert Diltner			0.002900%		
	Charles A. Burgess			0.034730%		
	Ellen L. Booker			0.002170%		
	Luella Roes Forwolder			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 & Charobelle					
	Beals Trust dtd 12-9-70					
	Archie D. Smith Jr. Trustee			0.644800%		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	Frances W. Scott			0.004430%		
	Estate of Catherine L. Durnaresse					
	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					
	MCNB Texas National Bank					
	Escrow Agent			0.574000%		
	The Nommensen Investment					
	Company			0.020900%		
	Richard A. Whittington			0.000270%		
	D. V. Thompson					
	c/o Richard A. Whittington			0.000280%		
	Pelco limited			0.334800%		
	Jeonette E. Cift 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, TBO					
	W. V. Lettlich			0.149870%		
	Texas Commerce Bank of					
	San Angelo, Trustee, TBO					
	Brenda Ronoldson			0.074930%		
	Texas Commerce Bank of					

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	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					
	Oleta 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%		
	Billy L. Amonle			0.004430%		
	Dorothy Hoburo 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%		
	Thomas J. Colvath Char. Tr.					

EXHIBIT "B"

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

Tr. No.	Description of Land	Acres	Lease Status	Basic Royalty		Overriding Royalty		Working Interest	
				Owner	Percentage	Owner	Percentage	Owner	Percentage
52	E1/4 SW/4 Section 11, T25S, R37E, Long County, New Mexico	40	HBP	1st Intst Bk Az, Suc Intst	0.669600%	Cathie Cone Auvinshtine Clifford Cone Donna Frost & Leon Binkley Personal Representatives Kathleen Cone Estate Tom R. Cone Kenneth G. Cone June D. Spreighl	0.078130% 0.078130% 0.390600% 0.078130% 0.078130% 2.343740%	Meridian Oil Production, Inc	100%
				1st Intst Bk Ok, Agent					
				Acct #49-8093-00-4					
				Joe & Jessie Crump Fund					
				Jessie B. Crump, David C. Blevins & Texas American Bank of Fort Worth, Trustees Texas Commerce Bank N. A. Agent & A/I/T for Mary Moran Fagan, Trust Sec. 63140 Jessie B. Crump Trust 1069 c/o NCMR Texas and J. B. Crump					
				Eunice James Gray Hendrick Medical Center Stephen N. James J. Hiram Moore, Betty Jane Moore and Michael Harrison, Trustees	3.906250%				
				Liberty Nat'l Bk & Trust Co. Charles Pflie, Trustee Trust #142836006					
				Betty Moran Rice John J. Moran Trust R. J. Moran & L. E. Swill, Trustees					
				First City Texas- Midland Trustee,					

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTH JOSTIS UNIT
LEA COUNTY, NEW MEXICO

It. No.	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
JR SE 1/4 SW 1/4 Section 11, 1-25-S, R. 37-E Ten Township, New Mexico	40	HBP	Donno Cowden Mgmt. Trust	0.781250%		
			A/C 30-1576-00			
			D. C. Trust.			
			Marilyn Cone, Trustee	0.078130%		
			James G. Brulon	0.781250%		
			Virginia L. Brulon			
			c/o Portland Properties	0.625000%		
			Elsie Lee Brown Trust.			
			James G. Brulon & Virginia Brulon, Trustees	0.001563%		
			Laura R. Stuart	0.076039%	ARCO Oil and Gas	ARCO
			Anne Stuart Marble	0.076039%		Estate of Kathleen Cone, Deceased
			Desa L. Lee Laird	0.260430%		12.50%
			Maurine Johnson, Trustee	0.062502%		Kenneth Cone
			John J. Redfern III			Clifford Cone
			Ind. Executor of the Estate of John J. Redfern, Jr.	0.234374%		
			Lillie M. Yates, Frank W. Yates and S. P. Yates, Personal Representatives O/F/O			
			Martin Yates III	0.219440%		
			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%		
			Rosalind Redfern	0.234374%		
			Judy Slovall	0.468751%		

EXHIBIT "B"

10 UNIT AGREEMENT, SOUTHWEST UNIT
LEA COUNTY, NEW MEXICO

Tr. No	Description of Land	Acres	Lease Status	Basic Royalty Owner	Overriding Royalty Owner	Working Interest Owner
				Percentage	Percentage	Percentage
	Leon Ginkley and Donno 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.L.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. Broodrick			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. Yoles			0.437531%		
	Frank W. Yoles, Jr., A/I/I for Lillie M. Yoles			0.212944%		
	Estelle Andrews Melthrop			1.302160%		
	ARCO			0.312500%		
	Dorothy Stuart Bruno			0.152082%		
	Kenneth G. Cone			0.104168%		
	Clifford Cone			0.104168%		
	Avril Stuart Dew			0.152082%		
	J. H. Herd			0.468751%		

EXHIBIT "B"

10 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
39	W/2 NW/4 Section 12, T-25-S, R-37-E, Lea County, New Mexico, between the sub-surface depths of 5,000 feet and 5,500 feet	80	HBP	Katherine Adeline Cone Kerk	0.694444%	99.707031% • Meridian Oil Production Inc 0.292969%
				Phoebe Shelton	0.213400%	
				Irene Stuart Smoli	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%	
				Frank O. Elliot, as Surviving Trustee of the Frank O. Elliot Living Trust	1.562500%	
				Edna Ione Hall, as Trustee of the Edna Ione Hall Living Trust	1.562500%	
				Fino Oil and Chemical Company	3.125000%	
				Lee M. Boss, Inc.	0.390625%	
				Sid R. Boss, Inc.	0.390625%	
				Keystone, Inc.	0.390625%	
				Thru Line, Inc.	0.390625%	
				C. W. Samuels	0.390625%	
				Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust	1.562500%	
				Atlantic Richfield Company	10.625000%	

EXHIBIT "B"

10 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	
30A	NW/4 NW/4, Section 12, 1-25-S, R. 37-E, Lea County, New Mexico, between the sub-surface 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 Fino Oil and Chemical Company Lee M. Boss, Inc. Sid R. Boss, Inc. Keystone, Inc. Thru line, Inc. C. W. Samuels Nationsbank of Texas, NA (as successor), Escrow Agent - Sabine Royalty Trust Atlantic Richfield Company		ARCO * Meridian Oil Production Inc	99.707031% 0.292969%
30B	W/2 NW/4, NE/4 NW/4 Section 12, 1-25-S, R. 37-E, Lea County, New Mexico, between the sub-surface depths of 5,500 feet and 6,500 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 Fino Oil and Chemical Company Lee M. Boss, Inc. Sid R. Boss, Inc. Keystone, Inc. Thru line, Inc. C. W. Samuels Nationsbank of Texas, NA		ARCO Meridian Oil Production, Inc.	75.000000% 25.000000%

EXHIBIT "B"

10 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
40	SE 1/4 NW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico between the sub-surface depths of 4,200 feet and 5,500 feet	40	HBP	(as successor), Escrow Agent - Sabine Royalty Trust Atlantic Richfield Company 1.562500% 10.625000%	Atlantic Richfield Company 11.250000%	ARCO • Meridian Oil Production Inc 99.707031% 0.292969%
40A	SE 1/4 NW/4 Section 12, T-25-S, R-37-E, Leo County, New Mexico, between the sub-surface 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 Ione Hall, as Trustee of the Edna Ione Hall Living Trust Fino Oil and Chemical Company Lee M. Boss, Inc. 1.562500% 3.125000% 0.292969%	Atlantic Richfield Company 11.250000%	ARCO 100%

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

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EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
40	SW/4 SW/4 Section 12, T 25-S, R 37-E, Lea County, New Mexico	40	HBP	J.E. Simmons Trust B - F/B/O Mary Jane Hand First M.L. Bank of Lubbock Successor Trustee of Beulah H. Simmons Trust A F/B/O Jean Shipley Sullivan First M.L. Bank of Lubbock Successor Trustee of J.E. Simmons Trust A F/B/O Jean Shipley Sullivan Sid R. Boss, Inc. Keystone, Inc. Thru line		0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
						0.2191727%
				Lee M. Boss Moers Oil Corporation Alma E.H. Watkins Rose Gann Charlene Rogers Teabank, N.A. Successor Trustee U/W/O Dolores Moers, Accl. #5976 MCNB Texas, Trustee of the Moers Trust, Trustee #1311 ARCO		0.703125%
						3.125000%
				Sid R. Boss, Inc. Keystone, Inc. Thru line		0.292969%
						0.292969%
				ARCO Meridian Oil Production Inc. Lee M. Boss, Inc.		45.312500%
						15.380859%
						2.343750%

EXHIBIT "B"

10 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	
				Percentage		Percentage		Percentage	
between the sub-surface depths of 5,000 feet and 5,500 feet				Lee M. Boss	0.292968%			Sid R. Boss Inc.	2.343750%
				Moore's Oil Corporation	0.546875%			Keystone Inc.	2.343750%
				Alma E.H. Watkins	1.562500%			Thru line Inc.	2.343750%
				Rose Gann	0.390626%			H.B. Fuqua, Trustee under the	
				Charlene Rogers	0.390624%			lost Will and Testament of	
				Leambank, N.A.	1.093750%			Dolores Moore's, Dec'd	8.750000%
				Successor Trustee U/W/O				First National Bank of	
				Dolores Moore's, Acct. #5976				Fl. Worth, Trustee	5.625000%
				MCNB Texas, Trustee of				ORIX Energy Company	4.687500%
				the Moore's Trust,				Moore's Oil Corporation	4.375000%
				Trustee #1311	0.703125%			Dellx Royalty Company, Inc	3.125000%
				ARCO	3.125000%			Woy Enterprises, Inc.	3.125000%
				First NII, Bank of Lubbock				*Meridian Oil Production Inc	0.241411%
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					
				Shipley Sullivan	0.219727%				
				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	0.219727%				
				Dellx Royalty Co., Inc	0.878906%				
				Woy Enterprises, Inc.	0.878906%				

EXHIBIT "B"

10 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
47A	SW/4 SW/4 Section 12, 1-25-S, R. 37-E, Lea County, New Mexico, between the sub-surface depths of 5,500 feet and 6,250 feet	40	HBP	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Lily Snyder		
				Beverly Anne Carter	0.781250%	
				Ollie Gann Cowden	0.781250%	
				Joyce Ann Brown	0.585938%	
				B.A. Christmas, Jr.	0.292969%	
				Bradford Ace Christmas	0.073242%	
				Mary I. Christmas Holladay	0.073242%	
				Candy Christmas	0.073242%	
				Helen Jane Christmas Barb	0.073242%	
				Heirs or devisees of Alma Pearl Edlon Hughes Watkins, Deceased	1.562500%	
				Sid R. Boss, Inc.	0.292969%	
				Keystone, Inc.	0.292969%	
				Thru line	0.292968%	
Lee M. Boss	0.292968%					
Moers Oil Corporation	0.546875%					
Alma E. H. Watkins	1.562500%					
Rose Gann	0.390626%					
Charlene Rogers	0.390624%					
Leombank, N.A.	1.093750%					
Successor Trustee U/W/O Dolores Moers, Accl #5976						
MCNB Texas, Trustee of the Moers Trust.						
Trustee #1311	0.703125%					
ARCO	3.125000%					

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	First NII, Bank of Lubbock Successor Trustee of J.E. Simmons Trust A f/B/O Jean			0.219727%		
	Shipley Sullivan 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			0.219727%		
	Dellex Royally Co., Inc Way Enterprises, Inc. Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.878906%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown B.A. Christmos, Jr. Bradford Ace Christmos Mary I. Christmos Holladay Candy Christmos Helen Jane Christmos Barbry Heirs or Devisees of Alma			0.585938%		
				0.292969%		
				0.073242%		
				0.073242%		
				0.073242%		
				0.073242%		

EXHIBIT "B"

10 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
43	SE 1/4 SW/4 Section 17, T-25-S, R 37 E, Lea County, New Mexico between the sub-surface depths of 3,000 feet and 6,250 feet	40	HBP	Pearl Eaton Hughes Watkins, Deceased		

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
44	NW/4 SE/4 Section 17, 1-25-S, R 37-T, Lea County, New Mexico.	40	HBP	Mary Jane Hord	0.219727%	
				First NLI Bank of Lubbock		
				Successor Trustee of		
				J.E. Simmons Trust B -	0.219727%	
				F/B/O Mary Jane Hord		
				Deller Royalty Co., Inc	0.878906%	
				Way Enterprises, Inc.	0.878906%	
				Thomas H. Low, Hamilton		
				Rodgers & Margaret Snider		
				for Nancy S. Tilly Snyder	0.781250%	
				Beverly Anne Carter	0.878906%	
				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 Barbry	0.073242%	
				Heirs or Devisees of Alma		
				Pearl Edon Hughes Watkins,		
				Deceased	1.562500%	
				First NLI Bank of Lubbock		
				Successor Trustee under the		
				last Wills and Testaments		
				of J.E. Simmons and Beulah		
				Simmons, Deceased	0.878906%	
				Sid R. Boss, Inc.	0.292969%	
				Keystone, Inc.	0.292969%	
				Thru line	0.292969%	
				ARCO		32.812500%
				Lee M. Boss, Inc.		2.343750%
				Sid R. Boss Inc.		2.343750%

EXHIBIT "B"

10 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	
				Percentage		Percentage		Percentage	
between the sub-surface depths of 5,000 feet and 5,450 feet				Lee M. Boss	0.292968%			Keystone Inc.	2.343750%
				Moers Oil Corporation	0.546875%			Thru line Inc.	2.343750%
				Alma E.H. Molkins	1.562500%			H.R. Fuqua, Trustee under the	
				Rose Gann	0.390626%			Last Will and Testament of	
				Charlene Rogers	0.390624%			Dolores Moers, Dec'd	8.750000%
				Teambank, N.A.	1.093750%			First National Bank of	
				Successor Trustee U/W/O				St. Worth, Trustee	5.625000%
				Dolores Moers, Accl. #5976				ORXX Energy Company	4.687500%
				MCNB Texas, Trustee of				Moers Oil Corporation	4.375000%
				the Moers Trust,				Deller Royalty Company, Inc	3.125000%
				Trustee #1311	0.703125%			Deller Enterprises, Inc.	3.125000%
				ARCO	3.125000%			Woy Enterprises, Inc.	
				First Ntl. Bank of Lubbock				• Meridian Oil Production Inc	0.439454%
				Successor Trustee of					
				J.E. Simmons Trust A					
				F/B/O Jean					
				Shipley Sullivan	0.219727%				
				First Ntl. 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 Ntl. Bank of Lubbock					
				Successor Trustee of					
				J.E. Simmons Trust B -					
				F/B/O Mary Jane Hand	0.219727%				
				Deller Royalty Co., Inc	0.878906%				
				Woy Enterprises, Inc.	0.878906%				

EXHIBIT "B"

10 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
				Percentage	Percentage	Percentage
	Thomas H. Low, Hamilton Rodgers & Margaret Snider for Nancy S. Tilly Snyder			0.781250%		
	Beverly Anne Carter			0.878906%		
	Joyce Ann Brown			0.585938%		
	B.A. Christmos, Jr.			0.292969%		
	Bradford Ace Christmas			0.073242%		
	Mary I. Christmas Holladay			0.073242%		
	Candy Christmas			0.073242%		
	Helen Jane Christmas Barby			0.073242%		
	Heirs or Devisees of Alma Pearl Eaton Hughes Watkins.					
	Deceased			1.757813%		
	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%		
	Doisey Elma Turner			2.083333%		
	Collie Eaton Pyrell			0.260417%		
	Jennie Lois Eaton Hodges			0.195313%		
	William Henry Eaton			0.195313%		
	Charlie Treview Eaton			0.195313%		
	Lincy Hompie Eaton			0.195313%		
	Clarence Victor Eaton			0.195313%		
	ARlie Mae Eaton Wilson			0.195313%		
	Charlie E. Eaton			0.195313%		