

EXHIBIT "B"
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS
BEAR CANYON UNIT AREA
RIO ARriba COUNTY, NEW MEXICO

TRACT NO.	DESCRIPTION OF LAND	NUMBER OF ACRES	SERIAL NUMBER AND EXPIRATION DATE OF LEASE	BASIC ROYALTY AND PERCENTAGE	LESSEE OF RECORD AND PERCENTAGE	OVERRIDING ROYALTY AND PERCENTAGE	WORKING INTEREST AND PERCENTAGE
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FEDERAL LANDS:

1.	<u>T26N-R2W, N.M.P.M.</u>	360.00	NM-7993	U.S.A.-All	Dugan Production Corp.	Billie Robinson	Dugan Production Corp.
	Sec. 3: <u>W¹/₂SW¹/₄</u>				50%		50%
	Sec. 11: <u>NE¹/₄SW¹/₄, W¹/₂SE¹/₄</u>		Effective 11-1-68		R. L. Andes 30%		R. L. Andes 30%
	Sec. 13: <u>S¹/₂S¹/₂</u>				W. E. Lang 20%		W. E. Lang 20%
			HBP				

2.	<u>T26N-R2W, N.M.P.M.</u>	320.00	NM-13809	U.S.A.-All	W. M. Callaway	100% F. J. Bradsahw Estate	5% W. M. Callaway	100%
	Sec. 3: <u>E¹/₂SW¹/₄</u>							
	Sec. 10: <u>E¹/₂NW¹/₄, SE¹/₄</u>		Effective 6-1-71					
			HBP					

3.	<u>T26N-R2W, N.M.P.M.</u> Sec. 2: $SW\frac{1}{4}SW\frac{1}{4}$ Sec. 10: $E\frac{1}{2}SW\frac{1}{4}$	120.00	NM-19560	U.S.A.-A11	W. M. Gallaway	100%	Charles R. Greer	5%	W. M. Gallaway	100%
			Effective 12-1-73							
			HB P							
4.	<u>T26N-R2W, N.M.P.M.</u> Sec. 3: $N\frac{1}{2}SE\frac{1}{4}$	80.00	NM-28811	U.S.A.-A11	Michael W. Murphy	100%	Charles Wecker & Charles Niemeth	6.25%	Michael W. Murphy	100%
			Effective 11-1-76							
			Expires 10-31-86							
5.	<u>T26N-R2W, N.M.P.M.</u> Sec. 11: $W\frac{1}{2}SW\frac{1}{4}$, $SE\frac{1}{4}SW\frac{1}{4}$	120.00	NM-29756	U.S.A.-A11	Southland Royalty Company	100%	Marian Z. Simmons and Detroit Bank and Trust Company Co-Trustees of Charles D. Simmons Trust	5%	Southland Royalty Company	100%
			Effective 3-1-82							
			HB P							

6.	T26N-R2W, N.M.P.M. Sec. 13: N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 14: SE $\frac{1}{4}$	240.00	NM-58703	U.S.A.-A11	Amoco Production Company	100%	Anthony Minerals Company	4.25%	Amoco Production Company	100%
			Effective 9-1-84				H. F. Boles Ben Donegan Nancy June Nolan Michael C. Donegan	.6666% .6666% .3333% .3333%		
			Expires 8-31-94							

7.	T26N-R2W, N.M.P.M. Sec. 2: NW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM-62743	U.S.A.-A11	William E. Jeffers	100%			William E. Jeffers	100%
			Effective 10-1-85							
			Expires 9-30-95							

7	FEDERAL	TRACTS	TOTALING	1,280.00	ACRES	OR	26.67%	OF	UNIT	AREA
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PATENTED LANDS:

8.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 1: S₂</u>	320.00	8-31-87	Oliver Windale Davis and Ruby Irene Ozanich, Trustees of the Frederick Harold Davis and Sarah Alma Davis Family Trust 46.875%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	46.875%
			3-28-90	John B. Pierce	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	3.75%
			3-28-90	David Pierce	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	3.75%
			3-28-90	Susan Pierce Nelson	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	3.75%
			3-28-90	Dirk Vanhorn Reemtsma	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.8125%
			3-28-90	Lance B. Reemtsma	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.8125%

8. Cont'd.

7-9-89	Roland D. Pritchett & April Annette Pritchett (h&w) 16.5625%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	16.5625%
9-9-87	United New Mexico Trust Company, Trustee for the Arthur L. Duff, Jr. Trust 8.28125%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	8.28125%
9-9-87	Kenneth C. Leach and Judith Dianne Duff Leach, as Co-Trustees of the Duff-Leach Family Trust dated April 20, 1984 8.28125%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	8.28125%
9-9-89	Juanita D. Cochran, Individually and as Co-Trustee of the Testamentary Trust created by the Last Will and Testament of Guy Davis 1.5625%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	1.5625%
7-9-89	Guy C. Davis, Individually and as Co-Trustee of the Testamentary Trust created by the Last Will and Testament of Guy Davis 1.5625%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	1.5625%

9.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 2: E$\frac{1}{2}$SE$\frac{1}{4}$</u>	80.00	4-30-88	Armando Vidal Garcia, Jose Blas Garcia & Olivia Garcia 50%	Amoco Production Company	100%	None	Amoco Production Company	50%
			2-8-89	Frank Kell Cahoon & Lula Jane Seydel 16.6666%	Amoco Production Company	100%	None	Amoco Production Company	16.6666%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w) 8.3333%	Amoco Production Company	100%	None	Amoco Production Company	8.3333%
			10-5-88	Donald C. Ward 4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough 4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h) 4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol 2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
			10-5-88	Cynthia B. Bowmer 2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
			10-5-88	Suzanne B. Kay & David G. Kay (w&h) 2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%

9.	Cont'd.		11-12-88	W. C. Duncan, II as Trustee for Mae Bell Duncan under the Will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
			11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
10.	<u>T26N-R2W, N.M.P.M.</u> Sec. 2: <u>W₂SE₄, E₂SW₄</u> Sec. 11: <u>W₂NE₄, E₂NW₄</u>	320.00	3-4-88	Oliver Windale Davis and Ruby Irene Ozanich, Trustees of the Frederick Harold Davis and Sarah Alma Davis Family Trust	100%	From the surface to 100 feet below the base of the Dakota Formation: Amoco Production Company	100%	None	From the surface to 100 feet below the base of the Dakota Formation: Amoco Production Company	100%
						From said depth and below: Unleased	100%		From said depth and below: Unleased	100%

11.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 3: S$\frac{1}{2}$SE$\frac{1}{4}$</u>	80.00	2-8-89	Frank Kell Cahoon and Lula Jane Seydell	16.6666%	Amoco Production Company	100%	None	Amoco Production Company	16.6666%
			6-26-89	Maxine Bodenhamer	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	12.5%
			11-10-89	The Portales National Bank, as Trustee of the Testamentary Trust created under the Last Will and Testament of M. H. McGrail	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	12.5%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	8.3333%	Amoco Production Company	100%	None	Amoco Production Company	8.3333%
			12-18-89	Beverly Jenkins	4.1667%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	6.25%
			12-18-89	Barbara Simpson, formerly Barbara Downen	4.1667%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	6.25%
			10-5-88	Donald C. Ward	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%

11. Cont'd.

10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	4.1667%	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
12-18-89	Betty Jennings	4.1666%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	4.1666%
10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
10-5-88	Cynthia B. Bowmer	2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
6-27-89	J. W. Jones & Myra Loudene Jones (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
6-11-89	John C. Robertson & Janice Eugenia Robertson (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%

11. Cont'd.

8-3-87	Susan Elizabeth Schulze	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
8-7-87	Harold Adkins & Linda Muriel Adkins (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
6-27-89	Edgar Alfred Boring & Evelyn Boring (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%
6-11-89	Melvin D. Rueckhaus & Anne C. Rueckhaus (h&w)	1.25%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	1.25%
11-18-88	U. S. Royalties Corporation	.8335%	Kindermac Partners, A Colorado General Partnership	100%	None		Kindermac Partners, A Colorado General Partnership	.8335%

12.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 10: NE$\frac{1}{4}$</u> <u>Sec. 11: W$\frac{1}{2}$NW$\frac{1}{4}$</u>	240.00	2-8-89	Frank Kell Cahoon and Lula Jane Seydel	16.6666%	Amoco Production Company	100%	None	Amoco Production Company	16.6666%
			6-26-89	Maxine Bodenhamer	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	12.5%
			11-10-89	The Portales National Bank, as Trustee of the Testamentary Trust created under the Last Will and Testament of M. H. McGrail	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	12.5%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	8.3333%	Amoco Production Company	100%	None	Amoco Production Company	8.3333%
			12-18-89	Beverly Jenkins	4.1667%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	6.25%
			12-18-89	Barbara Simpson, formerly Barbara Downen	4.1667%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	6.25%
			10-5-88	Donald C. Ward	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%

12. Cont'd.									
10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	4.1667%	Amoco Production Company	100%	None			Amoco Production Company	4.1667%
12-18-89	Betty Jennings	4.1666%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.83333% .83333% .83333% .83333%		Amoco Production Company	4.1666%
10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None			Amoco Production Company	2.7778%
10-5-88	Cynthia B. Bowmer	2.7778%	Amoco Production Company	100%	None			Amoco Production Company	2.7778%
10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None			Amoco Production Company	2.7778%
6-27-89	J. W. Jones & Myra Loudene Jones (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.83333% .83333% .83333% .83333%		Amoco Production Company	2.0833%
6-11-89	John C. Robertson & Janice Eugenia Robertson (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.83333% .83333% .83333% .83333%		Amoco Production Company	2.0833%

12. Cont'd.

8-3-87	Susan Elizabeth Schulze	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
8-7-87	Harold Adkins & Linda Muriel Adkins (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
6-27-89	Edgar Alfred Boring & Evelyn Boring (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%
6-11-89	Melvin D. Rueckhaus & Anne C. Rueckhaus (h&w)	1.25%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	1.25%
11-18-88	U. S. Royalties Corporation	.8335%	Kindermac Partners, A Colorado General Partnership	100%	None		Kindermac Partners, A Colorado General Partnership	.8335%

13.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 10: W$\frac{1}{2}$W$\frac{1}{2}$</u>	160.00	3-3-88	Oliver Windale Davis and Ruby Irene Ozanich, Trustees of the Frederick Harold Davis and Sarah Alma Davis Family Trust 100%	<u>From the base of the</u> <u>Mesaverde Formation</u> <u>down to a depth of</u> <u>100 feet below the</u> <u>base of the Dakota</u> <u>Formation:</u> Amoco Production Company 100%	<u>From the base of the</u> <u>Mesaverde Formation</u> <u>down to a depth of</u> <u>100 feet below the</u> <u>base of the Dakota</u> <u>Formation:</u> Amoco Production Company 100%
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As to other depths:
Unleased 100%

As to other depths:
Unleased 100%

14.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 11: E$\frac{1}{2}$NE$\frac{1}{4}$, NE$\frac{1}{4}$SE$\frac{1}{4}$</u>	120.00	4-30-88	Armando Vidal Garcia, Jose Blas Garcia & Olivia Garcia 50%	Amoco Production Company 100%	None	Amoco Production Company 50%
			2-8-89	Frank Kell Cahoon & Lula Jane Seydell 16.6666%	Amoco Production Company 100%	None	Amoco Production Company 16.6666%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w) 8.3333%	Amoco Production Company 100%	None	Amoco Production Company 8.3333%
			10-5-88	Donald C. Ward 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h) 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%
			11-1-88	Peggy Williamson McCullough 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%

14. Cont'd.

10-5-88	John R. Bower, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Cynthia B. Bower	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%

15.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 11: SE$\frac{1}{4}$SE$\frac{1}{4}$</u> <u>Sec. 14: NE$\frac{1}{4}$NE$\frac{1}{4}$</u>	80.00	6-7-89	William A. Riley & Lois Dawn Riley (h&w) and Lorena A. Riley 50%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	50%
			2-8-89	Frank Kell Cahoon & Lula Jane Seydell 16.6666%	Amoco Production Company	100%	None		Amoco Production Company	16.6666%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w) 8.3333%	Amoco Production Company	100%	None		Amoco Production Company	8.3333%
			10-5-88	Donald C. Ward 4.1667%	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h) 4.1667%	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough 4.1667%	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol and the Estate of Frances C. Bristol 2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
			10-5-88	Cynthia B. Bowmer 2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
			10-5-88	Suzanne B. Kay & David G. Kay (w&h) 2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%

15.	Cont'd.	11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
		11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
16.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 12: NW$\frac{1}{4}$</u>	8-31-87	Oliver Windale Davis and Ruby Irene Ozanich, Trustees of the Frederick Harold Davis and Sarah Alma Davis Family Trust	25%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	25%
		6-11-89	Melvin D. Rueckhaus & Anna C. Rueckhaus (h&w)	25%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	25%
		2-8-89	Frank Kell Cahoon & Lula Jane Seydell	16.6666%	Amoco Production Company	100%	None	Amoco Production Company	16.6666%
		7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	8.3333%	Amoco Production Company	100%	None	Amoco Production Company	8.3333%
		10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%

16. Cont'd.							
10-5-88	Donald C. Ward	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
10-5-88	John R. Bower, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Cynthia B. Bower	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%

17.	<u>T26N-R2W, N.M.P.M.</u>	240.00	6-7-89	William A. Riley & Lois Dawn Riley (h&w) and Lorena A. Riley	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	50%
	Sec. 12: SW $\frac{1}{4}$									
	Sec. 13: NE $\frac{1}{4}$ NW $\frac{1}{4}$									
			2-8-89	Frank Kell Cahoon & Lula Jane Seydell	Amoco Production Company	100%	None		Amoco Production Company	16.6666%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	Amoco Production Company	100%	None		Amoco Production Company	8.3333%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			10-5-88	Donald C. Ward	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
			10-5-88	John R. Bower, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
			10-5-88	Suzanne B. Kay & David G. Kay (w&h)	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
			10-5-88	Cynthia B. Bower	Amoco Production Company	100%	None		Amoco Production Company	2.7778%

17. Cont'd.

11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
			2.0833%			

11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
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18.	<u>T26N-R2W, N.M.P.M. Sec. 12: E₂</u>	320.00	7-7-89	E. Patrick Barton, Jr. Andrew W. Barton	10% 10%	Amoco Production Company	Jeff Wiepking Tom Fullerton	1.875% 1.875%	Amoco Production Company	40%
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Andrew W. Barton, as Personal Representative of the Estate of Jeffrey Evan Barton, deceased	10%
James B. Fullerton	1.875%

7-7-89	Marie Louise Quarles	40%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	40%
7-25-89	Patricia Ann Burns Hickam	10%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	10%

7-2-89	Mary Ellen Burns Gonzales	Amoco Production Company	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	10%
	10%	100%				

19.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 13: S₂N₂, N₂S₂</u>	320.00	9-13-87	Mercantile National Bank, Trustee for the Catherine Mary Florence Trust 25%	Amoco Production Company 100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton .3125% .3125% .3125% .3125%	Amoco Production Company 25%
			2-8-89	Frank Kell Cahoon & Lula Jane Seydell 16.6666%	Amoco Production Company 100%	None	Amoco Production Company 16.6666%
			7-15-89	Milton B. Davis & Maryetta R. Davis (h&w) 12.5%	Amoco Production Company 100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton .8333% .8333% .8333% .8333%	Amoco Production Company 12.5%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w) 8.3333%	Amoco Production Company 100%	None	Amoco Production Company 8.3333%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h) 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%
			10-5-88	Donald C. Ward 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%
			11-1-88	Peggy Williamson McCullough 4.1667%	Amoco Production Company 100%	None	Amoco Production Company 4.1667%
			10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol 2.7778%	Amoco Production Company 100%	None	Amoco Production Company 2.7778%
			10-5-88	Cynthia B. Bowmer 2.7778%	Amoco Production Company 100%	None	Amoco Production Company 2.7778%

19. Cont'd.

10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None		Amoco Production Company	2.7778%
6-27-89	J. W. Jones & Myra Loudene Jones (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
6-11-89	John C. Robertson & Janice Eugenia Robertson (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
8-3-87	Susan Elizabeth Schulze	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
8-7-87	Harold Adkins & Linda Muriel Adkins (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
6-27-89	Edgar Alfred Boring & Evelyn Boring (h&w)	2.0833%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None		Amoco Production Company	2.0833%

19. Cont'd.

6-11-89

Melvin D. Rueckhaus & Anne
C. Rueckhaus (h&w) 1.25%

Amoco Production
Company 100%

Jeff Wiekling	.8333%
Tom Fullerton	.8333%
Hunt Walker	.8333%
James B. Fullerton	.8333%

Amoco Production
Company 1.25%

11-18-88

U. S. Royalties Corporation
.8335%

Kindermac Partners,
A Colorado General
Partnership 100%

None

Kindermac Partners,
A Colorado General
Partnership .8335%

20. T26N-R2W, N.M.P.M.

80.00

8-31-87

Frederick Harold Davis, Sr.
and Sarah A. Davis (h&w) 25%

Amoco Production
Company 100%

Jeff Wiepking	.8333%
Tom Fullerton	.8333%
Hunt Walker	.8333%
James B. Fullerton	.8333%

Amoco Production
Company 25%

7-18-88

Edward L. Howard & Connie
P. Howard (h&w) 12.5%

Amoco Production
Company 100%

Jeff Wiekling	.3125%
Tom Fullerton	.3125%
Hunt Walker	.3125%
James B. Fullerton	.3125%

Amoco Production Company	12.5%
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7-18-88

Robert B. Howard & Shirley
A. Howard (h&w) 12.5%

Amoco Production Company 100%

Jeff Wiekling	.3125%
Tom Fullerton	.3125%
Hunt Walker	.3125%
James B. Fullerton	.3125%

Amoco Production Company 12.5%

7-18-88

Letty Carolyn Howard 12.5%

Amoco Production
Company 100%

Jeff Wiepking	.3125%
Tom Fullerton	.3125%
Hunt Walker	.3125%
James B. Fullerton	.3125%

Amoco Production Company 12.5%

7-18-88

Anita H. Kramer 12.5%

**Amoco Production
Company 100%**

Jeff Wiekling	.3125%
Tom Fullerton	.3125%
Hunt Walker	.3125%
James B. Fullerton	.3125%

Amoco Production
Company 12.5%

20.	Cont'd.	6-26-87	Rita Louise Willis & Bank of Oklahoma, NA Co-Trustees of the Rita Louise Willis Trust	10.9375%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	10.9375%
		4-20-87	Kirby Exploration Company	10.9375%	Kindermac Partners, A Colorado General Partnership	100%			Kindermac Partners, A Colorado General Partnership	10.9375%
		6-18-89	Augustus P. Loring, III & Elizabeth B. Loring (h&w)	3.125%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	3.125%
		6-7-89	Teodora Mercure	50%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company	50%
21.	<u>T26N-R2W, N.M.P.M.</u> <u>Sec. 14: S₂NE₄</u>	2-8-89	Frank Kell Cahoon & Lula Jane Seydell	16.6666%	Amoco Production Company	100%	None		Amoco Production Company	16.6666%
		7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	8.3333%	Amoco Production Company	100%	None		Amoco Production Company	8.3333%
		10-5-88	Donald C. Ward	4.1667%	Amoco Production Company	100%	None		Amoco Production Company	4.1667%

21. Cont'd.

10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
10-5-88	John R. Bower, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Cynthia B. Bower	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%

22.	T26N-R2W, N.M.P.M. Sec. 14: NW $\frac{1}{4}$, NW $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{3}{4}$ SW $\frac{1}{4}$	280.00	5-26-87	T. W. Stevenson and Vivian Stevenson (h&w) 50%	Meridian Oil, Inc. 100%	None	Meridian Oil, Inc. 50%
	Unleased		Albert J. Blair, Jr. 15.625%	Unleased	100%	None	Unleased 15.625%
	5-5-89		A. G. Crumpler 12.5%	Amoco Production Company 100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company 12.5%
	7-2-89		Porter Finance Corporation 9.375%	Amoco Production Company 100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company 9.375%
	7-2-89		Michael A. Milinovich and Anne K. Milinovich (h&w) 6.25%	Amoco Production Company 100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	1.875% 1.875% 1.875% 1.875%	Amoco Production Company 6.25%
	Unleased		El Paso Natural Gas Co. 6.25%	Unleased	100%	None	Unleased 6.25%

23.	T26N-R2W, N.M.P.M. Sec. 15: SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{2}$ SE $\frac{1}{4}$	280.00	Unleased	A. G. Hill	37.5%	Unleased	100%	None	Unleased	37.5%
			2-8-89	Frank Kell Cahoon & Lula Jane Seydell	16.6666%	Amoco Production Company	100%	None	Amoco Production Company	16.6666%
			10-11-89	The Portales National Bank, as Trustee of the Testamentary Trust created under the Last Will and Testament of W. H. McGrail	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	Amoco Production Company	12.5%
			7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	8.3333%	Amoco Production Company	100%	None	Amoco Production Company	8.3333%
			10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			10-5-88	Donald C. Ward	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
			10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
			10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
			10-5-88	Cynthia B. Bowmer	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%

23. Cont'd.

11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
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11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
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24.	T26N-R2W, N.M.P.M. Sec. 15: SE $\frac{1}{4}$ SE $\frac{1}{4}$	40.00	8-31-87	Oliver Windale Davis and Irene Ozanich, Ruby	Meridian Oil, Inc. 100%	None	Meridian Oil, Inc. 25%
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Sec. 15: SE $\frac{1}{4}$ SE $\frac{1}{4}$

7-18-88	Edward L. Howard & Connie P. Howard (h&w)	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	12.5%
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7-18-88	Robert B. Howard & Shirley A. Howard (h&w)	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	12.5%
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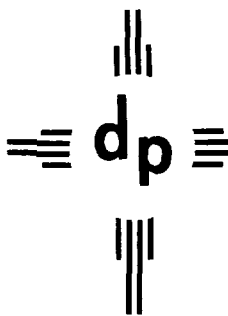
7-18-88	Letty Carolyn Howard	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	12.5%
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7-18-88	Anita H. Kramer	12.5%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	12.5%
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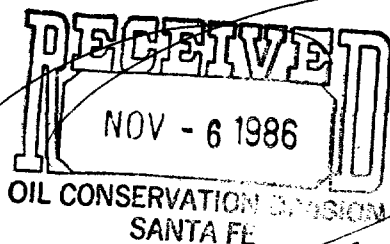
24. Cont'd.		6-26-87	Rita Louise Willis & Bank of Oklahoma, NA, Co-Trustees of the Rita Louise Willis Trust	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.3125% .3125% .3125% .3125%	Amoco Production Company	10.9375%
		4-20-87	Kirby Exploration Company	Kindermac Partners, A Colorado General Partnership	100%	None		Kindermac Partners, A Colorado General Partnership	10.9375%
		6-18-89	Augustus P. Loring, III & Elizabeth B. Loring (h&w)	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	3.125%
		8-31-87	Oliver Windale Davis and Ruby Irene Ozanich, Trustees of the Frederick Harold Davis and Sarah Alma Davis Family Trust 50%	Amoco Production Company	100%	Jeff Wiepking Tom Fullerton Hunt Walker James B. Fullerton	.8333% .8333% .8333% .8333%	Amoco Production Company	50%
25. T26N-R2W, N.M.P.M. Sec. 15: N ₂		2-8-89	Frank Kell Cahoon & Lula Jane Seydel	Amoco Production Company	100%	None		Amoco Production Company	16.6666%
		7-23-88	Thomas S. Schalk & Betty June Schalk (h&w)	Amoco Production Company	100%	None		Amoco Production Company	8.3333%
		10-5-88	May Anna Anderson & Carl T. Anderson (w&h)	Amoco Production Company	100%	None		Amoco Production Company	4.1667%
		10-5-88	Donald C. Ward	Amoco Production Company	100%	None		Amoco Production Company	4.1667%

25. Cont'd.	11-1-88	Peggy Williamson McCullough	4.1667%	Amoco Production Company	100%	None	Amoco Production Company	4.1667%
	10-5-88	John R. Bowmer, as Executor of the Estate of John S. Bristol & the Estate of Frances C. Bristol	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
	10-5-88	Suzanne B. Kay & David G. Kay (w&h)	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
	10-5-88	Cynthia B. Bowmer	2.7778%	Amoco Production Company	100%	None	Amoco Production Company	2.7778%
	11-12-88	W. C. Duncan, II, as Trustee for Mae Bell Duncan under the will of William Collins	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%
	11-12-88	W. C. Duncan, II	2.0833%	Amoco Production Company	100%	None	Amoco Production Company	2.0833%

18	PATENTED	TRACTS	TOTALING	3,520.00	ACRES	OR	73.33%	OF	UNIT	AREA
25	TRACTS	TOTALING	4,800.00	ACRES	IN	UNIT	AREA			



dugan production corp.



November 4, 1986

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

ATTN: R. L. Stamets, Director

RE: Case 8998: Application of Amoco Production Company
for a Unit Agreement, Rio Arriba County, New Mexico
Bear Canyon Unit

Gentlemen:

Dugan Production Corp. (Dugan) hereby enters its appearance in the above referenced case.

Dugan also expresses its support for the unit with the following qualifications:

1. Dugan does not approve of the northern boundary of the proposed unit and would prefer that the unit be extended to the north to include all of Sections 1, 2, and 2 in Township 26 North, Range 2 West, NMPM.
2. Dugan's approval and support for the unit is conditioned upon Amoco changing the unit agreement from a divided unit to an undivided unit, as they have previously agreed to do at the request of Dugan and Meridian Oil Co.

If we can provide any further information, please feel free to contact us.

Sincerely,

Robert G. Stovall
General Counsel

RGS:jfr