

OWNERSHIP OF SPACING UNIT

Township 29 North, Range 13 West, NMPM
 Section 12: SW/4
 Containing 160.00 acres, more or less
 San Juan County, New Mexico

ROPCO Federal 12-3 (A) PC

Spacing Unit Working Interest:

Richardson Production Company	30.208%
Christmann Mineral Company	6.250%
Roderick Allen Markham	3.125%
Manon Markham McMullen	3.125%
Rosalind Redfern	3.125%
Amoco Production Company	50.000%
Kerr-McGee Corporation	4.167%
	<u>100%</u>

Spacing Unit Net Revenue Interest:

Richardson Production Company	22.78647%
Christmann Mineral Company	5.78124%
Roderick Allen Markham	2.89063%
Manon Markham McMullen	2.89063%
Rosalind Redfern	2.89063%
Amoco Production Company	42.375%
Kerr-McGee Corporation	3.3854%
USA	6.25%
Jeff Callow	1.25%
Genevieve Carle	1.25%
T.E. Duff Trust	0.3125%
Judith Dianne Duff Leach	0.3125%
Bernice A. Burnham Trust	3.125%
Sammy B. Reiser	1.5625%
Teddy A. Reiser	1.5625%
Hugh J. and Raimonda Mitchell Trust	0.625%
Weldon C. Julander et ux	0.375%
Earl A. Rogers	0.375%
	<u>100%</u>

See attached plat for legal descriptions

Tract 1	80.00/160 = 50.00%	SF-078931
Tract 2	80.00/160 = 50.00%	Fee

Tract 1:

Royalty: USA (12.5% x 50% = 6.25%)
 ORRI: Jeff Callow (2.5% x 50% = 1.25%)
 Genevieve Carle (2.5% x 50% = 1.25%)
 T.E. Duff Trust (1/2 x 1.25% x 50% = 0.3125%)
 Judith Dianne Duff Leach (1/2 x 1.25% x 50% = 0.3125%)
 Christmann Mineral Company (12.5% x 11.25% x 50% = 0.70312%)
 Roderick Allen Markham (6.25% x 11.25% x 50% = 0.35156%)
 Manon Markham McMullen (6.25% x 11.25% x 50% = 0.35156%)
 Rosalind Redfern (6.25% x 11.25% x 50% = 0.35156%)
 WI: Richardson Production Company (29.1667% x 81.25% x 50% = 11.84897%)
 Richardson Production Company (31.25% x 70% x 50% = 10.9375%)
 Christmann Mineral Company (12.5% x 81.25% x 50% = 5.07813%)
 Roderick Allen Markham (6.25% x 81.25% x 50% = 2.53906%)
 Manon Markham McMullen (6.25% x 81.25% x 50% = 2.53906%)
 Rosalind Redfern (6.25% x 81.25% x 50% = 2.53906%)
 Kerr-McGee Corporation (8.3333% x 81.25% x 50% = 3.3854%)

Tract 2:

Royalty: Bernice A. Burnham Trust (1/2 x 12.5% x 50% = 3.125%)
 Sammy B. Reiser (1/4 x 12.5% x 50% = 1.5625%)
 Teddy A. Reiser (1/4 x 12.5% x 50% = 1.5625%)
 ORRI: Hugh J. and Raimonda Mitchell Trust (1/2 x 2.5% x 50% = 0.625%)
 Weldon C. Julander et ux (1/2 x 1.50% x 50% = 0.375%)
 Earl A. Rogers (1/2 x 1.50% x 50% = 0.375%)
 WI: Amoco Production Company (84.75% x 50% = 42.375%)

OWNER LIST - ROPCO Federal 12-3 (A) PC, (B) FC

Royalty Owners and Overriding Royalty Owners:

Bernice A. Burnham Revocable Living Trust
c/o Burnham Realty
3300 Burnham Road
Farmington, NM 87401

Sammy B. Reiser
P.O. Box 190
Windsor, CO 80550

Teddy A. Reiser
9914 Lawndale
Kansas City, MO 64137

Hugh J. Mitchell, Trustee of the Hugh J.
Mitchell and Raimonda Mitchell Revocable Trust
4240 N. Buena Vista Avenue
Farmington, NM 87401

Weldon C. Julander and Ila Mae Julander
P.O. Box 2773
Littleton, CO 80161

Earl A. Rogers
P.O. Box 5195
Abeline, TX 79608-5915

Paula A. Maxwell
300 Lila Lane #10
Athens, TX 75751

Wayne Tarpley
P.O. Box 337
Aztec, NM 87410

Northern Specialty Company, Incorporated
c/o J.C. Patterson
308 S. Ivie Avenue
Farmington, NM 87401

Glenn P. Wycoff
11206 County Road 213
Durango, CO 81301

City of Farmington
800 Municipal Drive
Farmington, NM 87401

Ruth Tanner Wheeler
2655 N. Olympic Circle
Mesa, Arizona 85205

J. J. DeWeerd
730 Country Club Drive
Silver City, NM 88061

The Denver and Rio Grande Western Railroad
c/o Mr. Bill Miller
555 17th Street, Suite 2400
Denver, CO 80202-3987

Fred A. Mossman and Mary K. Mossman Trust
c/o Edward Gladden, Co-Trustee
2700 San Mateo NE
Albuquerque, NM 87110

Glenn C. Callow
c/o Jeff Callow
626 Craig Street
Walla Walla, WA 99362-3349

OWNER LIST - ROPCO Federal 12-3 (A) PC, (B) FC

Arnold E. Carle
c/o Genevieve Carle
P.O. Box 4325
Vancouver, WA 98662-0325

United States of America
Bureau of Land Management
c/o Mr. Duane Spencer
1235 La Plata Highway
Farmington, NM 87401

Ted Edward Duff
T. E. Duff Trust
P.O. Box 9908
Midland, TX 79708

Judith Dianne Duff Leach
4000 Shenandoah NE
Albuquerque, NM 87111

Working Interest Owners:

Christmann Mineral Company
1500 Broadway, Suite 800
Lubbock, TX 79401

Roderick Allen Markham
1500 Broadway, Suite 1212
Lubbock, TX 79401

Manon Markham McMullen
2200 Berkley
Wichita Falls, TX 76308

Rosalind Redfern
P.O. Box 2127
Midland, TX 79702

Richardson Production Company
1700 Lincoln, Suite 1700
Denver, CO 80203

Kerr-McGee Corporation
P.O. Box 25861
Oklahoma City, OK 73125

Amoco Production Company
P.O. Box 800
Denver, CO 80201