

DHC 1287 6/24/96

Southern

Rockies

Business

Unit

May 30, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Application for Exception to Rule 303-C - Downhole Commingling
Romero A #1 Well
Unit K Section 27-T29N-R10W
Otero Chacra and Blanco Mesaverde Pools
San Juan County, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Steve Webb
Gail Jefferson
Wellfile
Proration File

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

DISTRICT II
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

OIL CONSERVATION DIVISION
APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:
☒ Administrative ☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator	Well No.	Address	County
Romero	A1	K-27-29N-10W	San Juan
Lease		Unit Ltr. - Sec Twp - Rge	
Spacing Unit Lease Types: (check 1 or more)			
OGRID NO.	Property Code	API NO.	Federal State (and/or) Fee
000778	000995	300452509	State (and/or) Fee x

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	OTERO CHACRA 82329		BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	2794' - 2914'		3442' - 4347'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 719 PSI b. (Original) 1187 PSI	a. b.	a. 1083 PSI b. 1433 PSI
6. Oil Gravity (° API) or Gas BTU Content	1201 BTU		1286 BTU / 49.4 DEG API
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		NO
• If Shut-In, give data and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 5/96 Rates: 50 MCFD 0 BCPD 0 BWPD	Date: Rates:	Date: 5/96 Rates: 130 MCFD .14 BCPD <1 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 28 %	Oil: % Gas %	Oil: 100 % Gas 72 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☐ Yes ☒ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No NO FEDERAL OR STATE LANDS
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____
16. ATTACHMENTS:
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - * Production curve for each zone for at least one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * Data to support allocation method or formula.
 - * Notification list of all offset operators.
 - * Notification list of working, overriding, and royalty interests for uncommon interest cases.
 - * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE	TITLE	REGULATORY AFFAIRS REP	DATE
			5/30/96
TYPE OR PRINT NAME	TELEPHONE NO. (303) 830-5344		
PAMELA W. STALEY			

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

OIL AND MINERALS DEPARTMENT

All distances must be from the outer boundaries of the Section.

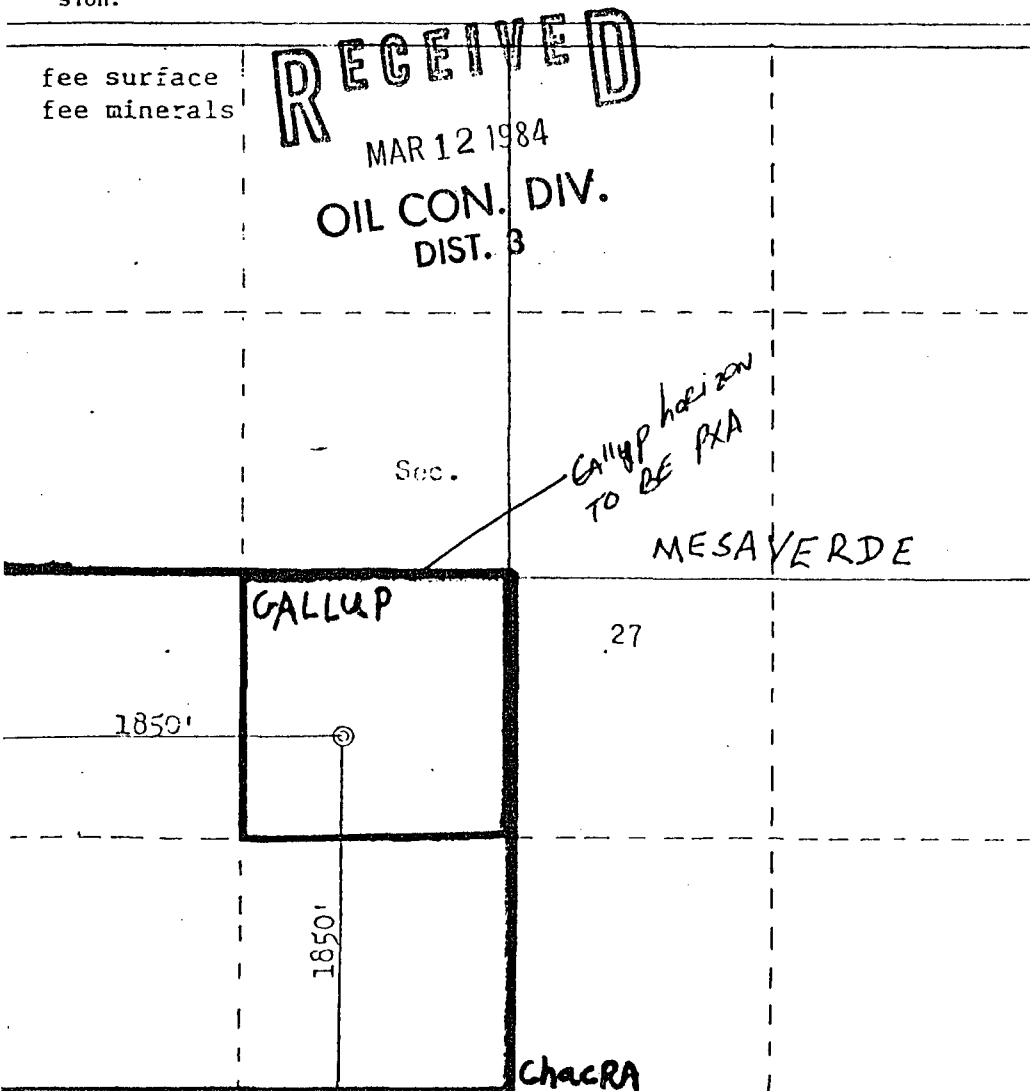
Operator AMOCO PRODUCTION COMPANY			Lease ROMERO GAS COM "A"		Well No. 1
Well Letter K	Section 27	Township 29N	Range 10W	County San Juan	
Actual Footage Location of Well: 1850 feet from the South line and 1850 feet from the West line					
Ground Level Elev. 5496	Producing Formation Gallup / Chacra		Pool Armenta Gallup/Bloomfield Chacra		Dedicated Acreage: 40/160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

D. H. Shoemaker

Name

D. H. SHOEMAKER

Position

DISTRICT ENGINEER

Company

AMOCO PRODUCTION COMPANY

Date

NOVEMBER 10, 1982

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

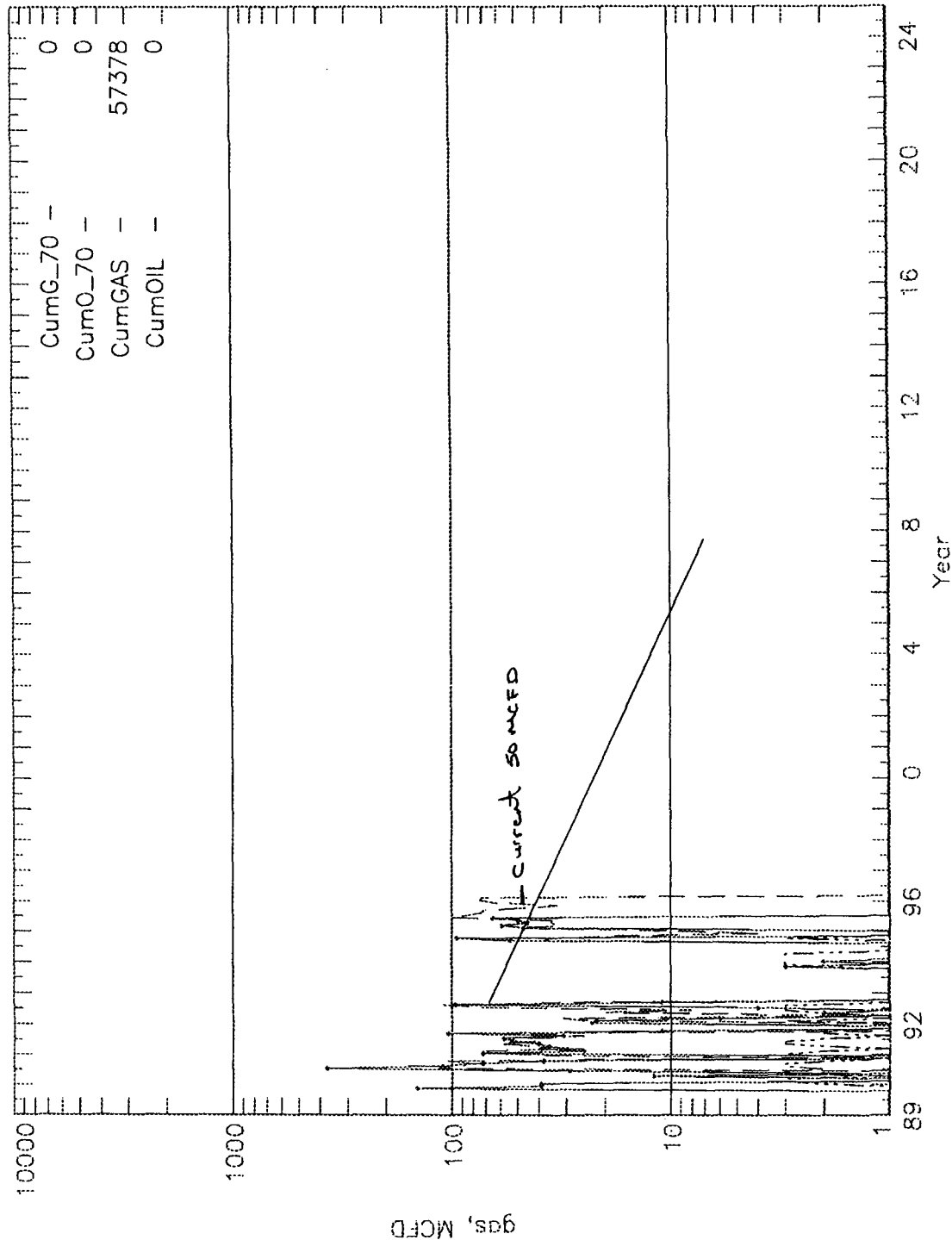
November 5, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

For: zslw11
Engr: zr06

ROMERO GAS COM A 1 Operator- AMOCO PRODUCTION CO
300452550900CK K272910-001 CK APC_WI - 1.0000000



Reserves

DCLN
CurrQ
RemRes
EUR
Fit_date

Last Op. Forecast by zr06 in 07/1995

For: zslw11
Engr: zr06

ROMERO GAS COM A 1 Operator- AMOCO PRODUCTION CO

300452550900MV K272910-001 MV APC_WI - 1.0000000

CumG_70	-	0
CumO_70	-	0
CumGAS	-	15841
CumOIL	-	0

gas, MCFD

Should be
1 - 130 MCFD
80 MCFD

Reserves

DCLN
CurrQ
RemRes
EUR
Fit_date

Year

Last Op. Forecast by zr06 in 07/1995

16002400 00001
476773 00
WILLIAM H AITKEN
4901 E SUNRISE DR APT 1602
TUCSON

ZJAM63
AZ 85718-4559

16002400 00001
944001 00
ELIZABETH R BAUER
224 WEST FULTON STREET
BUTLER

ZJAM63
PA 16001-6816

16002400 00001
597452 00
ROBERT ALSTON
205 WILDER
HONKS

ZJAM63
TX 75551-5052

16002400 00001
427593 00
ROSE WARNER BENTON
3020 WEST ELM STREET
PHOENIX

ZJAM63
AZ 85017-3437

15645000 00001
617000 00
AMOCO PRODUCTION COMPANY
P O BOX 591
TULSA

ZJAM63
OK 74102-0591

15645000 00001
593447 00
JUDY CARMICHAEL
602 EAST 36TH STREET
FARMINGTON

ZJAM63
NM 87401-2307

16002400 00001
134803 00
FRED GILBERT ARMENTA
766 ROAD 4990
BLOOMFIELD

ZJAM63
NM 87413

15645000 00001
114754 01
LOUIS DREYFUS NATURAL GAS CORP
REMITTANCE ADDRESS
P O BOX 850163
OKLAHOMA CITY

ZJAM63
OK 73185-0163

16002400 00001
605345 00
JOE R ARMENTA ESTATE
RAYMOND ARMENTA AND HELLEN LUTHER
CO PERS REP
205 W GLADDEN
FARMINGTON

ZJAM63
NM 87401-6019

16002400 00001
798923 00
EGBERT ENDREE
P O BOX 2782
DURANGO

ZJAM63
CO 81302-2782

16002400 00001
106659 00
SUSIE ARMENTA LIVING TRUST
SUSIE M ARMENTA TRUSTEE U/A 03/15/91
P O BOX 1593
TAHLEQUAH

ZJAM63
OK 74465-1593

15645000 00001
141946 00
SAMUEL ENDREE FAMILY TRUST A
JEAN ENDREE TRUSTEE
1305 SOUTH MEEKER
WEST COVINA

ZJAM63
CA 91790-2526

15645000 00001
258279 00
CATHERINE ANN AVERY
BOX 391
SHELL ROCK

ZJAM63
IA 50670-0391

15645000 00001
309975 00
ALVIN W FINK TRUST
U/A DATED DEC 22, 1981
ALVIN W FINK AND ELINOR R FINK TRS
BOX 25
DOWNS

ZJAM63
KS 67437-0025

15645000 00001
147791 00
SUSAN WOODS BASILE
27 JUNIPER DRIVE
FREEHOLD

ZJAM63
NJ 07728-2853

16002400 00001
309976 00
ELINOR R FINK TRUST
U/A DATED DEC 22, 1981
ELINOR R FINK AND ALVIN W FINK TRS
BOX 25
DOWNS

ZJAM63
KS 67437-0025

16002400 00001 682456 00 MARGUERITE SULLIVAN FRAME ESTATE PAULA JAKUBANIS CONSERVATOR C/O SANDY ELLIOT HUTCHISON, HUGINS AND FREDERICK P O BOX 2250 DURANGO	ZJAM63 CO 81302-2250	15645000 00001 268550 29 MARATHON OIL COMPANY P O BOX 890882 DALLAS	ZJAM63 TX 75389-0882
15645000 00001 943302 00 GLOVER SURVIVORS TRUST MARTILYN S GLOVER TRUSTEE 801 MORRIS WAY SACRAMENTO	ZJAM63 CA 95864-6120	15645000 00001 427595 00 PAULINE WARNER MILLER P O BOX 269 LORDSBURG	ZJAM63 NM 88045-0269
16002400 00001 917827 00 WILLIAM E GLOVER TRUST B MARY E AND THOMAS S GLOVER, TRUSTEES 348 ALEXANDER PALM ROAD BOCA RATON	ZJAM63 FL 33432-7909	15645000 00001 687633 00 HELEN ROMERO MORGAN 2967 HEATHER PL HARRISBURG	ZJAM63 PA 17104-1525
15645000 00001 947201 00 SUSAN SAFFERAN 9424 SW 53RD PORTLAND	ZJAM63 OR 97219-5044	16002400 00001 242928 00 SUSAN PIERCE NELSON 4901 CRESTWOOD DR FARMINGTON	ZJAM63 NM 87402-4863
15645000 00001 560547 00 ELOISE COOPER HOWARD 4410 PINE RIDGE DR STEVENS POINT	ZJAM63 WI 54481-5019	16002400 00001 115965 00 BEVERLY PARMENTER NEWTON 480 KENOLIO ROAD NO 16-205 KIHET	ZJAM63 HI 96753-7535
15645000 00001 427594 00 GOLDIE WARNER JOBE MARION E AND GERALDINE L KEELY ATTY IN FACT 804 SHERWOOD FOREST DRIVE GRANITE SHOALS	ZJAM63 TX 78654-2320	15645000 00001 928758 00 NIGH REVOCABLE TRUST ROBERT D NIGH TRUSTEE UTA DTD 8-3-89 7080 DEAN ROAD INDIANAPOLIS	ZJAM63 IN 46220-3812
15645000 00001 904832 00 JOHN G JOHNSTON 10253 LAS CASITAS COURT NE ALBUQUERQUE	ZJAM63 NM 87111-1295	15645000 00001 115964 00 ROBERT DARREL PARMENTER P O BOX 8021 DURANGO	ZJAM63 CO 81301-020
16002400 00001 115336 00 MYRNA L LIKINS 217 PARK AVENUE AZTEC	ZJAM63 NM 87410-2149	15645000 00001 115963 00 ROBERT W PARMENTER 65 OCOTILLO DRIVE FLORENCE	ZJAM63 AZ 85232-8785
		16002400 00001 242926 00 DAVID A PIERCE CITIZENS BANK AGENT P O BOX 4140 FARMINGTON	ZJAM63 NM 87499-4140

16002400 00001 242927 00 JOHN B PIERCE P O BOX 1006 FRUITLAND	ZJAM63 NM 87416-1006	16002400 00001 547020 00 LANCE REEMTSMA 57A EDGECROFT ROAD KENSTINGTON	ZJAM63 CA 94707-1412
15645000 00001 296516 00 LEILA F POLLOCK TRUST F/B/O JUDD L POLLOCK EDWIN POLLOCK AND JUDD POLLOCK, CO-TST C/O JOHN LEVIN AND CO ONE ROCKEFELLER PLAZA 25TH FLOOR NEW YORK NY 10020-2001	ZJAM63 NY 10020-2001	15645000 00001 344822 00 ROMERO FAMILY CHILDRENS TRUST JOHN B ROMERO JR TRUSTEE 996 CALLE FELIZ SANTA FE	ZJAM63 NM 87505-5004
15645000 00001 296517 00 MICHAEL C POLLOCK TRUST F/B/O EDWIN F POLLOCK EDWIN POLLOCK AND JUDD POLLOCK, CO-TST C/O JOHN LEVIN AND CO ONE ROCKEFELLER PLAZA 25TH FLOOR NEW YORK NY 10020-2001	ZJAM63 NY 10020-2001	15645000 00001 688031 00 LOUISA C ROMERO 996 CALLE FELIZ SANTA FE	ZJAM63 NM 87505-5004
16002400 00001 296515 00 LEILA F POLLOCK TRUST F/B/O EDWIN F POLLOCK EDWIN POLLOCK AND JUDD POLLOCK, CO-TST C/O JOHN LEVIN AND CO ONE ROCKEFELLER PLAZA 25TH FLOOR NEW YORK NY 10020-2001	ZJAM63 NY 10020-2001	16002400 00001 685346 00 MARGIE ARMENTA SERRANO P O BOX 5901 FARMINGTON	ZJAM63 NM 87499-5901
15645000 00001 296514 00 MICHAEL C POLLOCK TRUST F/B/O JUDD L POLLOCK EDWIN POLLOCK AND JUDD POLLOCK, CO-TST C/O JOHN LEVIN AND CO ONE ROCKEFELLER PLAZA 25TH FLOOR NEW YORK NY 10020-2001	ZJAM63 NY 10020-2001	15645000 00001 165367 00 KAY A SHERMAN P O BOX 2199 DURANGO	ZJAM63 CO 81302-2199
15645000 00001 597453 00 EILENE ROBINSON 224-31 3/10 ROAD GRAND JUNCTION	ZJAM63 CO 81503	16002400 00001 687022 00 RICHARD SHIERSHKE 505 V AQUERO ROAD ARCADIA	ZJAM63 CA 91007-6045
16002400 00001 547021 00 DIRK REEMTSMA CITIZENS BANK AGENT TRUST DEPARTMENT P O BOX 4140 FARMINGTON	ZJAM63 NM 87499-4140	15645000 00001 593445 00 FRANK L SMITH 912 FAIRGROUND RD SP 67 FARMINGTON	ZJAM63 NM 87401-7386
		15645000 00001 237686 00 JOAN HELEN SMITH C/O SEAFIRST BANK ACCT NO 91220675 LYNDEN	ZJAM63 WA 98264-0553

15645000 00001
420614 00
ELLA ANN SPARGO
523 AZTEC BLVD NE
AZTEC

ZJAM63

NM 87410-1704

15645000 00001
753523 00
CAROL A ZAHARA
14726-81 R AVE
SURREY, BC, CAN, V3S 7V6

ZJAM63

16002400 00001
688424 00
OPAL H SULLIVAN
MARY HELENE SULLIVAN SIKES
ATTORNEY-IN-FACT
P O BOX 400
BLOOMFIELD

ZJAM63

NM 87413-0400

15645000 00001
947202 00
PEGGY HILL
950 NORMAN STREET
WEATHERLY

ZJAM63

PA 18255-121

15645000 00001
258280 00
MARY SUSAN VANDER
106 HIGH STREET
GARWIN

ZJAM63

IA 50632-9716

16002400 00001
145112 00
ALBERT H VOGLER
P O BOX 720796
PINON HILLS

ZJAM63

CA 92372-0796

15645000 00001
258278 00
ALLEN D WALKER
210 E 9TH STREET #15
CORALVILLE

ZJAM63

IA 52241-2233

15645000 00001
427592 00
LEE WARNER
140 SOUTH DOLLIVER SPACE #18
PISMO BEACH

ZJAM63

CA 93449

15645000 00001
147794 00
NANCY JEANNE WOODS
304 NORTHWEST 30 COURT #208
POMPANO BEACH

ZJAM63

FL 33064-3122

15645000 00001
147793 00
ROBERT W WOODS
157 TOWN LINE ROAD
EAST FORTPORT

ZJAM63

NY 11731-3915

OFFSET OPERATORS

Romero A #1

Conoco, Inc.
10 Desta Drive West
Midland, Texas 79705

Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87499