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Southern

Rockies

Business

Unit

April 2, 1996

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

RECEIVED
APR - 8 1996

Application for Exception to Rule 303-C
Downhole Commingling
Jones Com #4 Well
Unit K Section 30-T29N-R8W
Blanco Mesaverde (Pool IDN 72319) and Basin Dakota (Pool IDN 71599) Pools
San Juan County, New Mexico

OIL

Enclosed please find an administrative application form (NMOCD form C-107-A) and attachments to support downhole commingling in the captioned well.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Pamela W. Staley".
Pamela W. Staley

Enclosures

cc: Stan Kolodzie
Gail Jefferson

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

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy
Farmington, NM 87401

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

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

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

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
☒ YES ☐ NO

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator Jones Gas Com B	Well No. #4	Address K-30-T29N-R8W	County San Juan
Lease		Unit Ltr. - Sec Twp - Rge	

OGRID NO. 000778 Property Code 000760 API NO. 3004524430 Spacing Unit Lease Types: (check 1 or more)
Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	BLANCO MESAVERDE 72319		BASIN DAKOTA 71599
2. Top and Bottom of Pay Section (Perforations)	4617' - 5256'		7286' - 7538'
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: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	a. (Current) 860 PSI b. (Original) 1230 PSI	a. b.	a. 1639 PSI b. 2677 PSI
6. Oil Gravity (° API) or Gas BTU Content	1190 BTU		1128 BTU
7. Producing or Shut-In?	NEW		PRODUCING
Production Marginal? (yes or no)	NO		YES
• 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)	(EST) Date: Rates: 190 MCFD 0.42 BCPD 0 BWPD	Date: Rates:	2/95-2/96 Date: Rates: 71 MCFD 0.11 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 79 % Gas 73 %	Oil: % Gas %	Oil: 21 % Gas 27 %

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 SF-078487-A SF-079938 DK-SRM1535 MV-14-08-001-3521
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 Pamela W. Staley TITLE REGULATORY AFFAIRS REP DATE 4/2/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

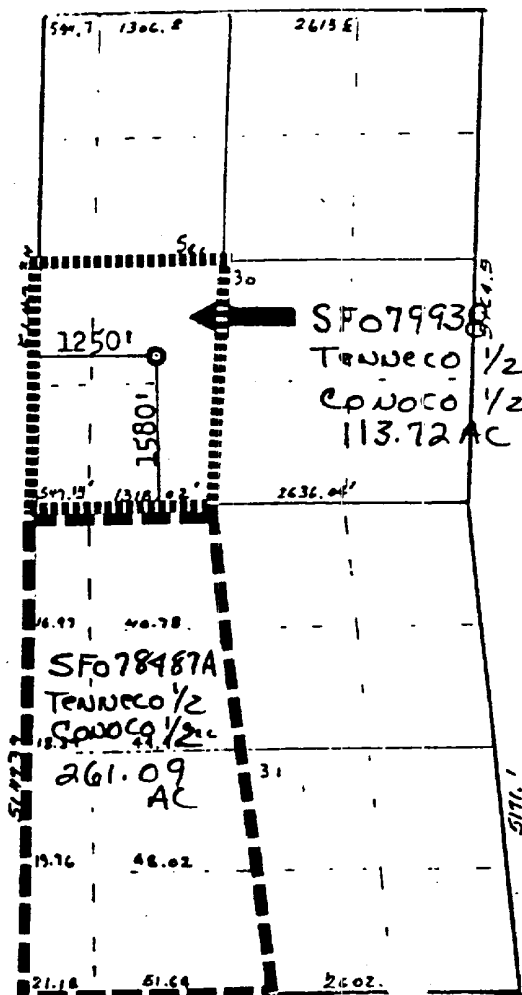
All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY			Lease JONES COM		Well No. 4
Unit Letter K	Section 30	Township 29N	Range 8W	County San Juan	
Actual Footage Location of Well: 1580 feet from the South line and 1250 feet from the West line					
Ground Level Elev: 6458	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 374.81 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.



Acreage Dedication:
SW/4 Section 30
W/2 Section 31

Scale: 1"=2000'

CERTIFICATION

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

Name

Martin Lee Freeman
Martin Lee Freeman

Position

Staff Production Analyst

Company

Tenneco Oil Company

Date

May 13, 1980

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

December 7, 1979

Registered Professional Engineer
and Land Surveyor

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

Certificate No.

3950

District I
PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004524430		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000760	Property Name Jones Com		Well Number #4
OGRID No. 000778	Operator Name Amoco Production Company		Elevation 6458

10 Surface Location

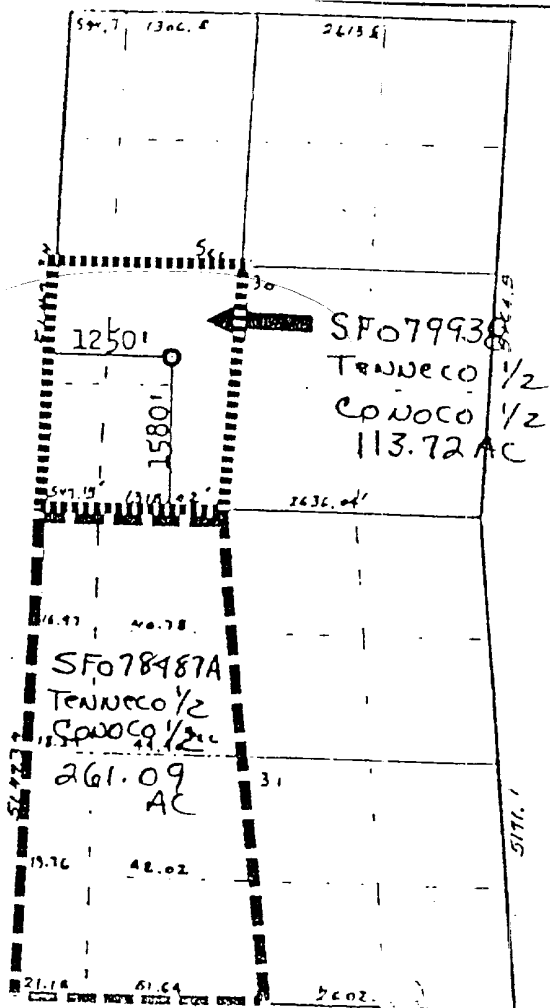
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	30	29N	8W		1580	South	1250	West	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 375.09	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Acreage Dedication:
SW/4 Section 30
W/2 Section 31

17 OPERATOR CERTIFICATION

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

Gail M. Jefferson
Signature
Gail M. Jefferson
Printed Name
Sr. Admin. Staff Asst.
Title
11/16/95
Date

18 SURVEYOR CERTIFICATION

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 belief.

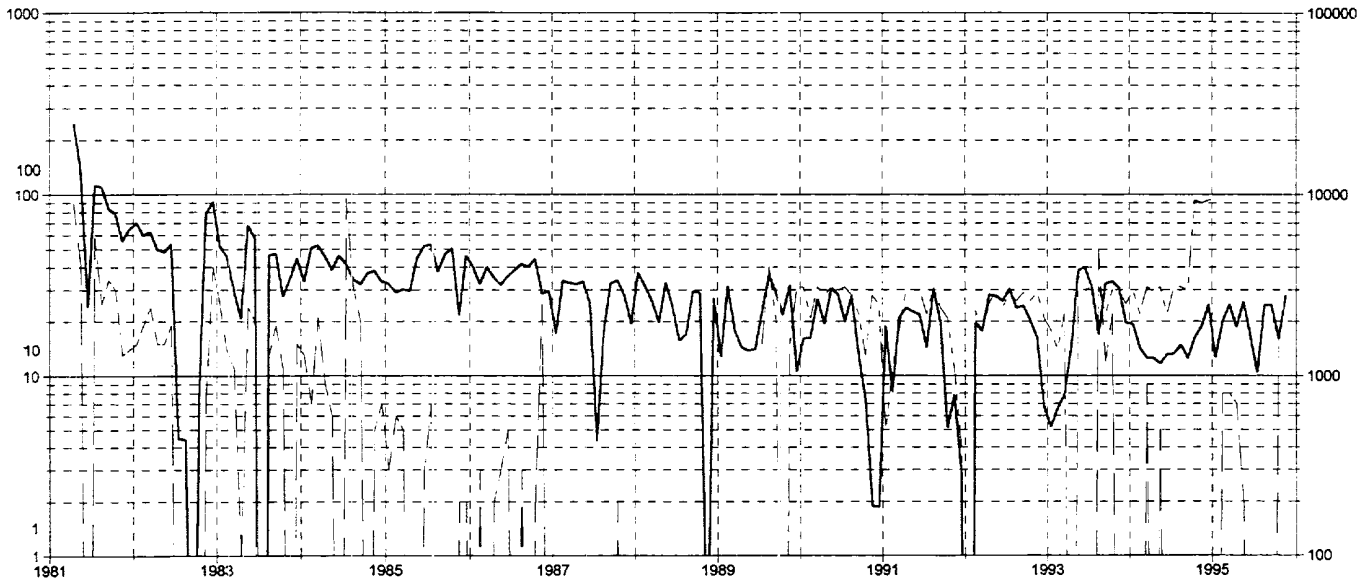
December 7, 1979
Date of Survey
Signature and Seal of Professional Surveyor:

3950
Certificate Number

Dwights

Lease: JONES COMM 000004

Retrieval Code: 251,045,29N08W30J00D



County: SAN JUAN

State: NM

F.P. Date: 04/81

Date: 04/03/96

Field: BASIN (DAKOTA) DK

Oil Cum: 1042 bbl

Reservoir: DAKOTA

Gas Cum: 550430 mcf

Water (bbl/mo)

Operator: AMOCO PRODUCTION CO

Location: 30J 29N 8W

Oil (bbl/mo)

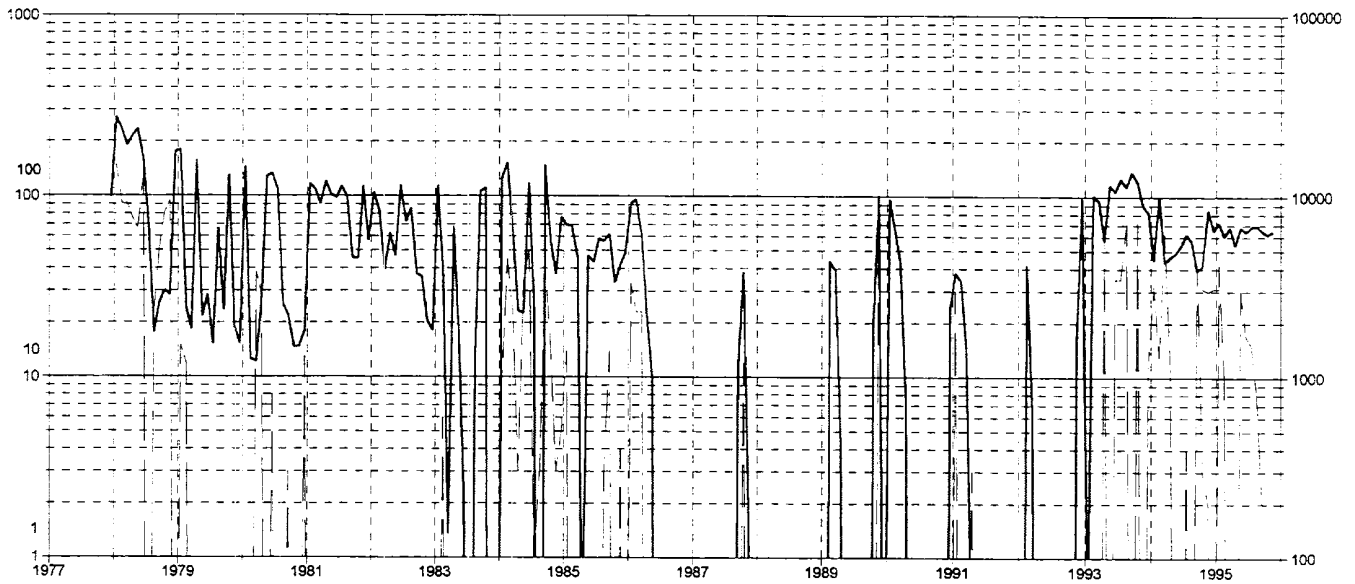
Gas (mcf/mo)

OFFSET MV WELL

Dwights

Lease: PRITCHARD 00004A

Retrieval Code: 251,045,29N08W31F00M



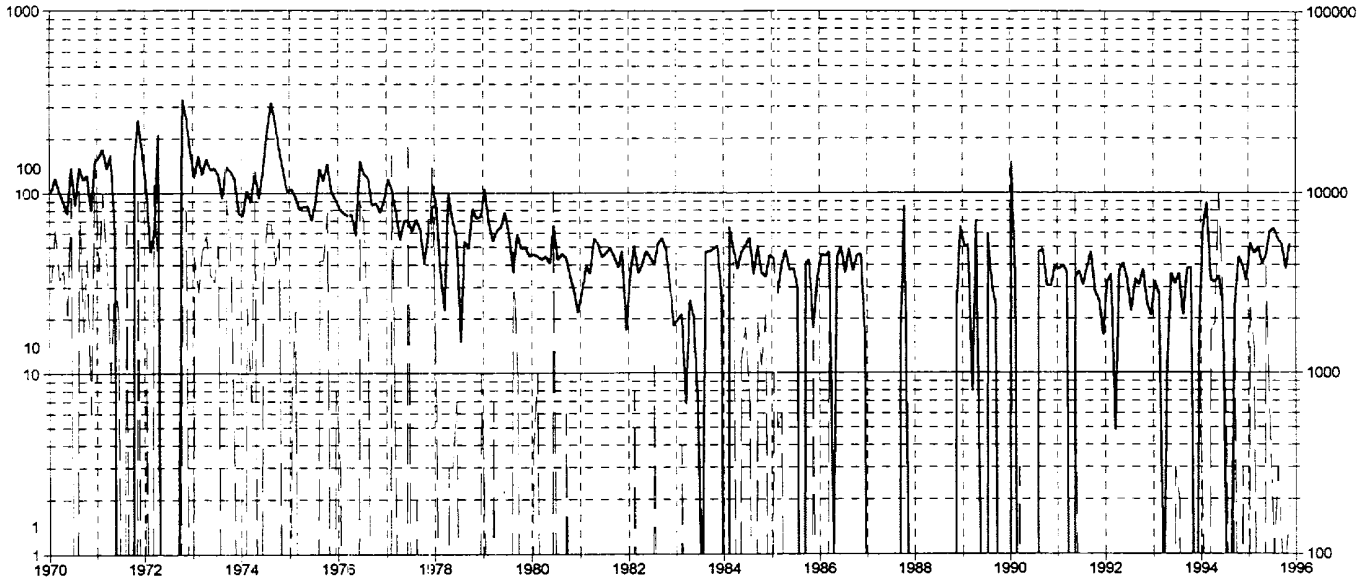
County: SAN JUAN	State: NM	F.P. Date: 12/77	Date: 04/03/96
Field: BLANCO (MESAVERDE) MV	Oil Cum: 2054 bbl		
Reservoir: MESAVERDE	Gas Cum: 1041 mmcf	Water (bbl/mo)	---
Operator: AMOCO PRODUCTION CO	Location: 31F 29N 8W	Oil (bbl/mo)	---
		Gas (mcf/mo)	---

OFFSET MV WELL

Dwights

Lease: PRITCHARD 000003

Retrieval Code: 251,045,29N08W31H00M



County: SAN JUAN	State: NM	F.P. Date: 09/53	Date: 04/03/96
Field: BLANCO (MESAVERDE) MV	Oil Cum: 6465 bbl		
Reservoir: MESAVERDE	Gas Cum: 3443 mmcf	Water (bbl/mo) — —	
Operator: AMOCO PRODUCTION CO	Location: 31H 29N 8W	Oil (bbl/mo) — —	Gas (mcf/mo) — —

LIST OF ADDRESSES FOR OFFSET OPERATORS

Jones Gas Com #4

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

Lively Exploration Co.
1300 Post Oak #1900
Houston, Texas 77056

DJ Simmons Co. Ltd.
3815 McCart St.
Fort Worth, TX 76110

69814400 00001
617000 00
AMOCO PRODUCTION COMPANY
P O BOX 591
TULSA

ZJAM63

OK 74102-0591

69845200 00001
150770 00
FLORANCE LIMITED COMPANY
C/O NORTHERN TRUST BANK OF TX
P O BOX 226270
DALLAS

ZJAM63

TX 75222-6270

69814400 00001
925662 00
DOUGLAS E ATWILL
602 CANYON ROAD
SANTA FE

ZJAM63

NM 87501-2722

69845200 00001
673400 00
M J FLORANCE TRUST
NORTHERN TRUST BANK OF TEXAS NA
SUCCESSOR TRUSTEE #02-11301
P O BOX 226270
DALLAS

ZJAM63

TX 75222-6270

69814400 00001
925596 00
EDWARD R ATWILL
P O BOX 1551
TUBAC

ZJAM63

AZ 85646-1551

69814400 00001
926501 00
KATHLYN H GIBSON ESTATE
GEORGE ANNE SCHARHAG PERS REP
P O BOX 546
TESUGUE

ZJAM63

NM 87574-0546

69845200 00001
923002 00
JAMES H ATWILL
P O BOX 1810
PORT ARANSAS

ZJAM63

TX 78373-1810

69814400 00001
311566 00
RICHARD H GODFREY REVOCABLE TRUST
RICHARD H GODFREY JR SUCCESSOR TRUSTEE
P O BOX 18661
OKLAHOMA CITY

ZJAM63

OK 73154-0661

69814400 00001
682516 00
R E BEAMON III
SUITE 470
THREE RIVERWAY
HOUSTON

ZJAM63

TX 77056-1942

69814400 00001
120851 00
GROVER BROS LTD PARTNERSHIP
SAN JUAN ROYALTY JV-90
P O BOX 3666
MIDLAND

ZJAM63

TX 79702-3666

69814400 00001
921248 00
ELIZABETH TURNER CALLOWAY
4801 ST JOHNS DR
DALLAS

ZJAM63

TX 75205-3143

69814400 00001
634423 00
ARDEN R GROVER
SAN JUAN ROYALTY JV-90
P O BOX 3666
MIDLAND

ZJAM63

TX 79702-3666

69845200 00001
603416 25
CONOCO INC
P O BOX 951063
DALLAS

ZJAM63

TX 75395-1063

69814400 00001
289995 00
MABEL GLENN HAM REVOCABLE TRUST
KATHLYN NORA BLACK TRUSTEE
P O BOX 15040
SANTA FE

ZJAM63

NM 87506-5040

69814400 00001
134698 00
CROSS TIMBERS OIL COMPANY
P O BOX 840287
DALLAS

ZJAM63

TX 75284-0287

69814400 00001
491769 00
HANSON MCBRIDE PETROLEUM COMPANY
A/W RUIDOSO STATE BANK
ATTN T A ANDERSON
P O DRAWER B
RUIDOSO

ZJAM63

NM 88345-7505

69845200 00001 762105 00 HELEN LORAIN HEDRICK PO BOX 2185 SANTE FE	ZJAM63 NM 87504-2185	69814400 00001 639077 03 W D KENNEDY SAN JUAN ROYALTY JV-90 550 WEST TEXAS #1225 MIDLAND	ZJAM63 TX 79701-4266
69814400 00001 128754 00 MOZELLE C HILL 1405 KENILWORTH ROAD OKLAHOMA CITY	ZJAM63 OK 73120-1412	69814400 00001 242970 00 JAMES R LEETON JR SAN JUAN ROYALTY JV-90 ACCOUNT P O BOX 10561 MIDLAND	ZJAM63 TX 79702-7561
69814400 00001 130251 00 DOROTHY B HUGHES REVOCABLE LIVING TR SUZY SARNA SUCCESSOR TRUSTEE U/T DATED 05-17-1991 318A SOUTH SHORE DRIVE ANACORTES	ZJAM63 WA 98221-9518	69814400 00001 680325 00 PATTIE BEAMON LUNDELL 1616 SOUTH VOSS #870 HOUSTON	ZJAM63 TX 77057-2626
69814400 00001 924833 00 EMILY B HUGHES P O BOX 1497 RATON	ZJAM63 NM 87740-1497	69814400 00001 923552 00 HELEN P MATTHEWS 200 PATTERSON AVE 806 SAN ANTONIO	ZJAM63 TX 78209-6268
69814400 00001 788895 00 GLEN D HUGHES 2321 CANDELARIA NW ALBUQUERQUE	ZJAM63 NM 87107-3055	69814400 00001 710000 01 MINERALS MANAGEMENT SERVICE ROYALTY MANAGEMENT PROGRAM PO BOX 5810 TA DENVER	ZJAM63 CO 80217-5810
69814400 00001 252130 01 W L JENNINGS BILLY G EDWARDS ATTY IN FACT SAN JUAN ROYALTY JV-90 P O BOX 117 ABILENE	ZJAM63 TX 79604-0117	69814400 00001 788891 00 ETHEL PARNELL 503 W DUARTE RD #5 ARCADIA	ZJAM63 CA 91007-7325
69814400 00001 922618 00 MARGARET A KEARNS TRUST U/A F/B/O HELENE D GORMAN HELENE D GORMAN TRUSTEE 1440 OSPREY AVENUE NAPLES	ZJAM63 FL 33962-3410	69814400 00001 788890 00 JANE MANNING PITKIN 503 W DUARTE RD #6 ARCADIA	ZJAM63 CA 91007-7325
69814400 00001 926551 00 MARGARET A KEARNS TRUST JAMES B DRAPER TRUSTEE F/B/O JAMES B DRAPER 77 SOUTH BIRCH ROAD APT #8D FORT LAUDERDALE	ZJAM63 FL 33316-1556	69814400 00001 117331 00 E HUNTER STONE II TRUST P O BOX 61419 DENVER	ZJAM63 CO 80206-8419

69814400 00001 924688 00 MARY VIRGINIA THOMPSON P O BOX 8224 SANTA FE	ZJAM63 NM 87504-8224	69814400 00001 926371 00 L DORIS WILLIAMS ESTATE WILLIAM P TRAYLOR AND JOHN G HEARD CO-INDEPENDENT EXECUTORS PO BOX 8306 HOUSTON	ZJAM63 TX 77288-8306
69814400 00001 432704 00 FRED E TURNER 4925 GREENVILLE AVENUE ONE ENERGY SQUARE SUITE 852 DALLAS	ZJAM63 TX 75206-4079	69814400 00001 119776 00 EDWARD AND JACQUELINE WINTERER REVOCABLE TRUST NO 1 DATED 12-4-91 EDWARD AND JACQUELINE WINTERER TRS 289 OCEAN VIEW DEL MAR	ZJAM63 CA 92014-3321
69814400 00001 432702 00 J GLENN TURNER JR 3131 TURTLE CREEK BLVD SUITE 1201 DALLAS	ZJAM63 TX 75219-5441	69814400 00001 141556 00 WINTERWIDER FAMILY REVOCABLE TRUST JOAN WINTERER AND ROY FULWIDER TRUSTEES 600 N SIXTH STREET SANTA PAULA	ZJAM63 CA 93060-1605
69814400 00001 615188 03 UNION OIL COMPANY OF CALIFORNIA ATTN REVENUE ACCOUNTING P O BOX 841055 DALLAS	ZJAM63 TX 75284-1055		
69814400 00001 432703 00 JOHN L TURNER P O BOX 33610 KERRVILLE	ZJAM63 TX 78029-3610		
69814400 00001 925573 00 NEAL S WATERFALL 12020 SOUTHWEST PAR 4 DRIVE KING CITY	ZJAM63 OR 97224-2512		
69814400 00001 914070 00 GLADYS WATFORD TRUST GLADYS WATFORD, TRUSTEE P O BOX 571814 HOUSTON	ZJAM63 TX 77257-1814		
69814400 00001 324224 00 ELIZABETH H WHITE FAMILY TRUST LINDA PAYNE, TRUSTEE P O BOX 780099 DALLAS	ZJAM63 TX 75378-0099		