

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

OIL CONSERVATION DIVISION

APPROVAL PROCESS:
 Administrative Hearing

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

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

EXISTING WELLBORE
 YES NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Conoco Inc. Address 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

Lease Newberry COM Well No #1M Unit Ltr Sec Twp Rge Section 5, T-31-N, R-12-W, O County San Juan

OGRID NO. 005073 Property Code _____ API NO. _____ 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)	4415-4915'		6915-7015'
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) 580	a.	a. 852
	b(Original) 1232	b.	b. 2281
6. Oil Gravity (°API) or Gas BT Content	1200 EST		1200 EST
7. Producing or Shut-In?	To Be Completed		To Be Completed
Production Marginal? (yes or no)	No		Yes
• If Shut-In give date 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 • If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates	Date Rates
	To be supplied upon completion	To be supplied upon completion	To be supplied upon completion
8. Fixed Percentage Allocation Formula -% for each zone	oil: % Gas %	oil: % Gas %	oil: % Gas %

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 others 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

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

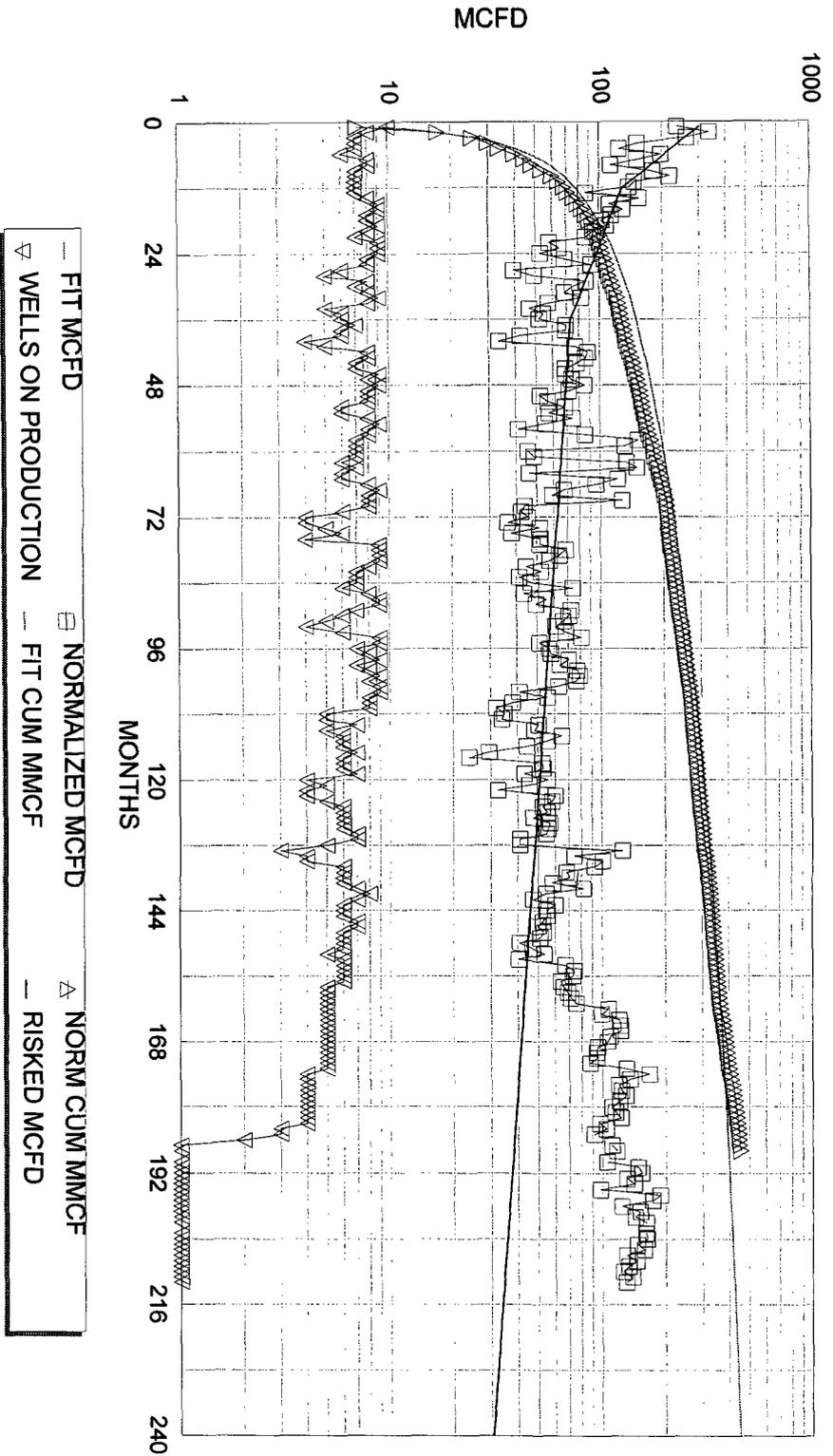
16. ATTACHMENTS
- * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - * Production curve for each zone for at least one year. (If not available, attach explanation.)
 - * For zones with no production history, estimated production rates and supporting data.
 - * 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 Kay Maddox TITLE Regulatory Agent DATE 6/6/98

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. (915) 686-5798

NORMALIZED DAKOTA PRODUCTION
10 WELLS SINCE 1980; OFFSET TO SECTION 5-31N-12W



NORMALIZED AVG:		RISKED AVG:	
492 MMCF EUR	325 MCFD IP	492 MMCF EUR	325 MCFD IP
454 MMCF IN 20 YRS	60% DECLINE, 1ST 12 MONTHS	454 MMCF IN 20 YRS	60.0% DECLINE, 1ST 12 MONTHS
25 MCFD E.L.	25% DECLINE, NEXT 24 MONTHS	25 MCFD E.L.	25.0% DECLINE, NEXT 24 MONTHS
0.0037 bbl/mcf oil yield	5.0% FINAL DECLINE	0.0037 bbl/mcf oil yield	5.0% FINAL DECLINE

District I
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code		*Pool Name	
		72319 / 71599		BLANCO MESAVERDE / BASIN DAKOTA	
*Property Code		*Property Name			*Well Number
		NEWBERRY COM			1M
*GRID No.		*Operator Name			*Elevation
005073		CONOCO, INC.			6005'

¹⁰ Surface Location

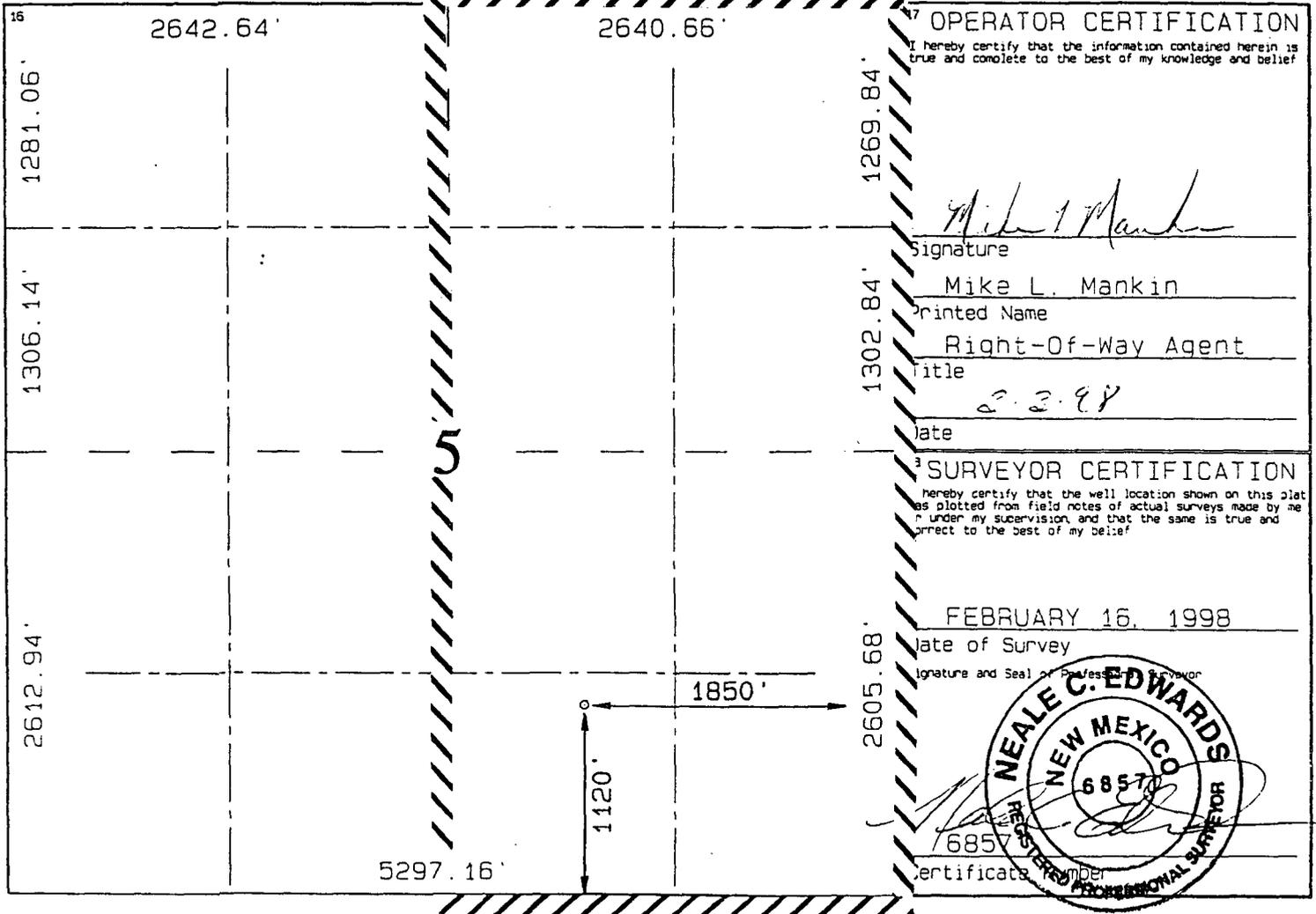
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	5	31N	12W		1120	SOUTH	1850	EAST	SAN JUAN

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

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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



Newberry COM # 1M
Section 5, T-31-N, R-12-W, O
San Juan County, New Mexico

RE: Downhole Commingle C-107A
Mesaverde & Dakota

Offset Operators:

Burlington Resources
PO Box 4289
Farmington, NM 87499

Chateau Oil & Gas
5950 Berkshire Ln STE 275
Dallas, TX 75225

Amoco
PO Box 800
Denver, Co 80226

Marathon
PO Box 3128
Houston, TX 77253-3128

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Conoco Inc.

a. ADDRESS AND TELEPHONE NO
 10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500 915-686-5794

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)
 At surface 1120' FSL & 1850' FEL
 At proposed prod. zone 1120' FSL & 1850' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 12 COUNTY OR PARISH San Juan 13. STATE NM

5. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if Any)
 16 NO OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH 7306'
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc)
 6005' GR
 22. APPROX. DATE WORK WILL START* 4/15/98

23 PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55, 9-5/8"	36#	250'	135 sxs, circ.
8-3/4"	K-55, 7"	23#	2543'	310 sxs, circ.
6-1/4"	K-55, 4-1/2"	9.5#	7006'	490 sxs, toc @ 2400'

It is proposed to drill a vertical wellbore to the Blanco Mesaverde and Basin Dakota Pools. NOS was filed 2/21/98. The well will be drilled and equipped according to the following additional attachments:

1. Well Location & Acreage Dedication Plat (C-102).
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility Layout.
6. Pipeline survey plat.

This application includes ROW's for the well pad, access road and pipeline.

24. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Mike L. Mankin TITLE Right-of-Way Agent DATE March 3, 1998

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

Newberry COM #1M
Section 5, T-31-N, R-12-W, O
San Juan, New Mexico

RE: Downhole Commingle Application C107A

Interest Owners:

Virginia Whitmire Trust
C/O First National Bank
Trust Department
PO Box 1460
Iowa City, IA 52244

Mary C. Martin Trustee
510 East 15th Street
Farmington, NM 87401

William A Hall
416 N Behrend Ave
Farmington, NM 87401

Larry Amsden
172/10 Sukhumvit SOI 23
Bangkok, Thailand 10110

Patricia Ann Clark
PO Box 699
Fruita, CO 81521

Mary D. Gregory
PO Box 1531
Grants Pass, OR 97528

Charles W. Amsden
PO Box 4671
Yatahey, NM 87375

William J. Carey
C/O Comercia Bank TX
8111 LBJ Freeway STE 960
Dallas, TX 75251

Paul B Horton & Susan Horton
C/O McCall Parkhurst & Horton
900 Maxus Energy Tower
717 N. Harwood
Dallas, TX 75201-6538

Pattie A B Lundell, Est
Robert Walter Lundell Executor
1616 S. Voss # 870
Houston, TX 77057-2631

Cross Timbers Oil Co.
PO Box 840287
Dallas, TX 75284-0287

Mitzi H. Easley
3900 Dominion Cove
Austin, TX 78759-7300

Gladys Waterford Trust
Gladys Waterford Trustee
5455 La Sierra Dr. Apt 216
Dallas, TX 75231-4145

Roselyn Martin Trustee
PO Box 539
Farmington, NM 87499

Winifred Amsden Revocable Trust
1730 Ponderosa
Los Alamos, NM 87544

R.S. Culpepper Trustee
5703 Woodland CT
Farmington, NM 87402

Charles H. Culpepper Trustee
PO Box 958
Farmington, NM 87499

Union Oil Co of California
Union Oil & Gas Division
ATTN Revenue Accounting
PO Box 841055
Dallas, TX 75284-1055

Sarah S Mims Trust
William L Madison & Sarah S. Mims
PO Box 111846
Carrollton, TX 75011-1846

Phillips Petroleum
Attn Cash Receipts
Department 773
Tulsa, OK 74182

Robert Beamon Account
First National Bank Of Bellville
PO Box 128
Bellville, TX 77418-0128

Betsy Henderson Bryant
2201 Brookhollow
Abilene, TX 79605-5507

Harriet M Buchenau – Living Trust
Harriet M Buchenau Trustee
PO Box 867585
Plano, TX 75086-7585

Susan Henderson Ritter
PO Box 162606
Austin, TX 78716-2606

Burlington Resources
Oil & Gas Co.
PO Box 840656
Dallas, TX 75284-0656

Minerals MGT Service
Onshore Federal # 17555
PO Box 5810
Denver, CO 80217-5810

Henrietta E. Schultz Trustee
500 N Akard St.
Lincoln Plaza STE 2160
Dallas, TX 75201-3325

Please find attached evidence that the above listed parties have been notified of this Downhole Commingle (C107A) Application by certified mail on this the 8th day of June 1998.

P 497 374 030

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Union Oil of Calif.
 Street & Number
 PO BOX 841055
 Post Office, State, & ZIP Code

P 497 374 027

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Wm Fred Amsden Rev. Trust
 Street & Number
 1730 Ponderosa
 Post Office, State, & ZIP Code
 Los Alamos Nm 87402

P 497 374 110

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Mitzi H. Easley
 Street & Number
 3900 Dominion Cove

P 497 374 058

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 McCall Parkhurst & Horton
 Street & Number
 717 N. Harwood
 Post Office, State, & ZIP Code
 DALLAS, TX 75201-6538

P 497 374 055

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Mary D. Gregory
 Street & Number
 PO BOX 1531
 Post Office, State, & ZIP Code
 Grants Pass, OR 97528

P 497 374 052

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 William A HALL
 Street & Number
 416 N Behrend Ave
 Post Office, State, & ZIP Code
 Farmington, Nm 87401

Postage \$

Certified Fee

P 497 374 029

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Charles H Culpepper - Trustee
 Street & Number
 PO BOX 058

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US Postal Service
Receipt for Certified Mail
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Sent to
 Roselyn Martin Trustee
 Street & Number
 PO BOX 539
 Post Office, State, & ZIP Code
 Farmington, Nm 87499

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US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Cross Timbers Oil Co.
 Street & Number
 PO BOX 840287
 Post Office, State, & ZIP Code
 DALLAS, TX 75284-0287

P 497 374 057

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 William J. Carey
 Street & Number
 8111 US Freeway STE 960
 Post Office, State, & ZIP Code

P 497 374 054

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Patricia Ann Clark
 Street & Number
 PO BOX 699
 Post Office, State, & ZIP Code
 Fruita CO 81521

P 497 374 115

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Mary C. Martin - Trustee
 Street & Number
 510 East 15th Street
 Post Office, State, & ZIP Code
 Farmington, Nm 87401

Postage \$

Certified Fee

P 497 374 028

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 R.S. Culpepper Trustee
 Street & Number
 5101 Highland Ct

P 497 374 061

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Gladys Waterford Trustee
 Street & Number
 5455 La Sierra Dr. Apt. 216
 Post Office, State, & ZIP Code
 DALLAS, TX 75231-4145

Postage \$

P 497 374 059

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Robert Walter Lundell Executor
 Street & Number
 Tele S. Voss #870
 Post Office, State, & ZIP Code
 Houston, TX 77057-2631

P 497 374 056

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to
 Charles W. Amsden
 Street & Number
 PO BOX 4671
 Post Office, State, & ZIP Code
 Yatchey, Nm 87375

P 497 374 053

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Larry Amsden
 Street & Number
 17210 Sukhumvit SO1 23

P 497 374 135

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to
 Virginia Whitmore Trust
 Street & Number
 PO BOX 1460
 Post Office, State, & ZIP Code
 Lawa City, LA 52244

Postage \$

Certified Fee

P 497 374 169

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to Sarah H. Mims Trust	
Street & Number PO Box 111846	
Post Office, State, & ZIP Code Carrollton, TX 75011-1846	
Postage	\$
Certified Fee	
Special Delivery Fee	

P 497 374 122

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to First National Bank Account	
Street & Number PO Box 128	
Post Office, State, & ZIP Code Bellville, TX 77418-0128	
Postage	\$
Certified Fee	

P 497 374 121

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
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Sent to Phillips Petroleum	
Street & Number Department 773	
Post Office, State, & ZIP Code Tulsa, OK 74182	
Postage	\$
Certified Fee	

P 497 374 033

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Betsy Bryant	
Street & Number 2201 Brook hollow	
Post Office, State, & ZIP Code Hoblen, TX 79605-5507	
Postage	\$
Certified Fee	

P 497 374 123

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Harriet M. Buchenau	
Street & Number PO Box 867585	
Post Office, State, & ZIP Code Plano, TX 75086-7585	
Postage	\$
Certified Fee	

P 497 374 168

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Susan Henderson Rl Her	
Street & Number PO Box 162606	
Post Office, State, & ZIP Code Austin, TX 78716-2606	
Postage	\$
Certified Fee	

P 497 374 136

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Burlington Resources	
Street & Number PO Box 840656	
Post Office, State, & ZIP Code DALLAS, TX 75284-0656	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

P 497 374 137

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Minerals Mgmt Service	
Street & Number PO Box 5810	
Post Office, State, & ZIP Code Denver CO 80217-5810	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995

P 497 374 138

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to Henrietta E Schultz -Trustee	
Street & Number 500 N Akard St Lincoln Plaza	
Post Office, State, & ZIP Code DALLAS, TX 75201-3325	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 April 1995