DISTRICT I

SIGNATURE

TYPE OR PRINT NAME Kay Maddox

PO Box 1980, Hobbs, NM 88241 1980

STRICT II 811 SouthI First St. Artesia NM 88210 2835

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410 1693 State of New Mexico Energy, Minerals and Natural Rasources Department

OIL CONSERVATION DIVISION

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

APPLICATION FOR DOWNHOLE COMMINGLING

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

APPROVAL	PROCESS
/II I I I CO VI IL	

___ DATE _

686-5798

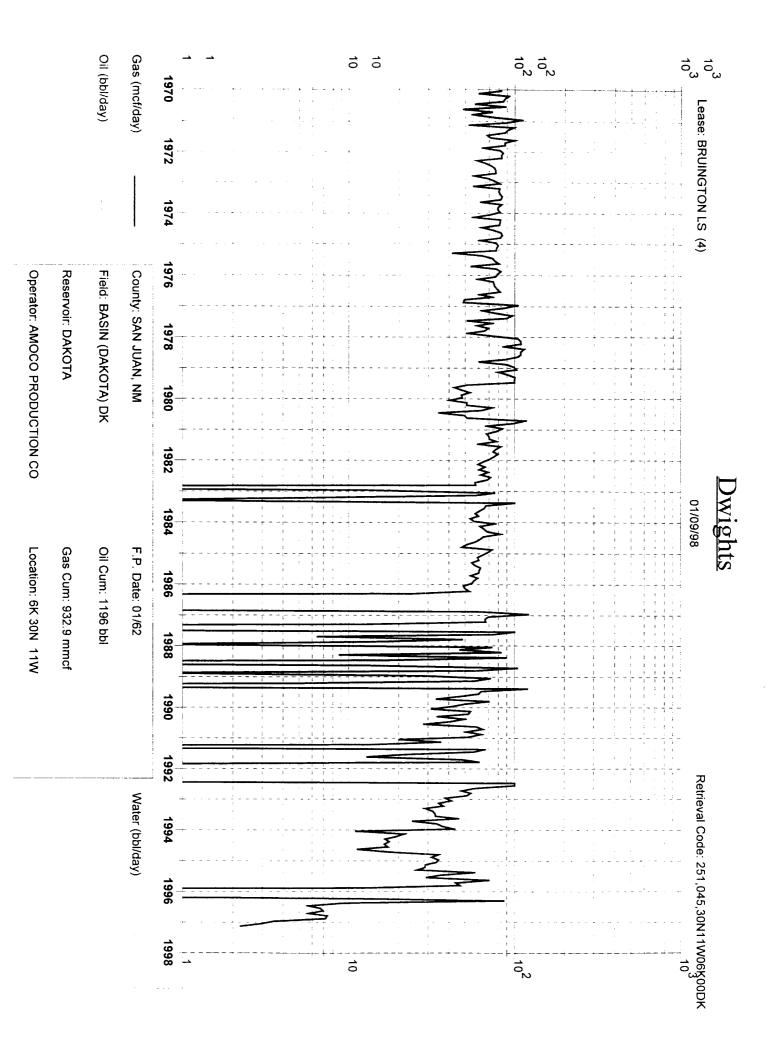
TITLE Regulatory Agent

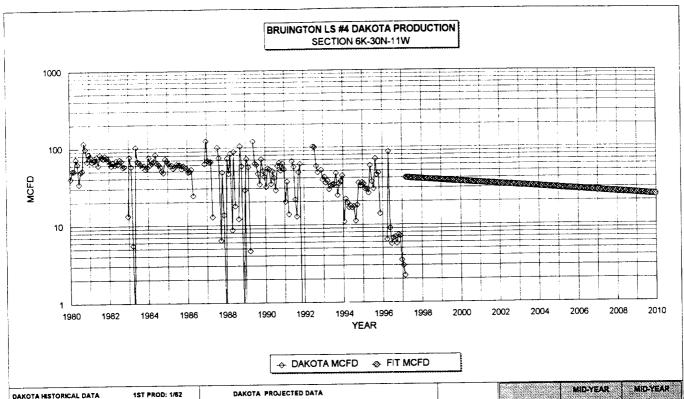
_TELEPHONE NO. (915)

Administrative Hearing

EXISTING WELLBORE X YES NO

Conoco Inc.		Desta Dr. Ste 100W, Midland	, Tx. 79705-4500
Bruington LS	Addres 4 Well No Unit L	Section 6, T-30-N, R-11-W	San Juan
GRID NO. 005073 Property Code		, •	Unit Lease Types: (check 1 or more)
The following facts ate submitted in support of downhole comminging:	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)	4220-4786'		6620-6830'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production {Flowing or Artificial Lilt}	To Flow	ECEIVED)	Flowing
5. Bottomhole Pressure Dil Zones - Artilicial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 528 b(Original) (0	MAR 3 0 1998 MIL CON. DIV. DIST. 3	a. 848 b. 2206
5. Oil Gravity (°API) or Gas BT Content	1200		1276
7. Producing or Shut-In?	To Be completed		Shut-in
Production Marginal? (yes or no) If Shut-In give date and oil/gas/	Yes	Date	Yes Est 2/97 Pales 2 MCFD, 0 BOPD,
water rates of lsst production Note For new zones with no production history applicant shad be required to attach production estimates and supporting dara If Producing, water rates of recent test (within 60 days)	Dale Production allocation by Subtraction - See Attached table	Dale Rates	O BWPD Date Rates
8. Fixed Percentage Allocation Formula -% or each zone	oil: Gas %	oit: Gas %	oii: Gas %
O. Are all working, overriding, an If not, have all working, overriding, and If not, have all working, overriding, and If not, have all working, overriding and If not, have all offset operators been 1. Will cross-flow occur? X Y flowed production be recovered. Are all produced fluids from an 3. Will the value of production be united. If this well is on, or community United States Bureau of Land 5. NMOCD Reference Cases for S. ATTACHMENTS * C-102 for each zon Production curve for Production curve for Data to support allow Notification list of a support allow of Notification list of a support of the	d royalty interests identical in a iding, and royalty interests been given written notice of the property of and will the allocation formulation formu	method and providing rate projects all commingled zones? In notified by certified mail? Dosed downhole commingling? Impatible, will the formations not all a be reliable. X Yes I I with each others X Yes I Yes X No (If Yes)	Yes X No No Yes No No No Yes No





 DAKOTA MISTORICAL DATA
 1ST PROD: 1/82
 DAKOTA PROJECTED DATA

 OIL CUM:
 1.2 MBO
 1/1/98 Qi: 39 MCFD

 GAS CUM:
 932.9 MMCF
 DECLINE RATE: 4.00% (EXPONENTIAL)

 OIL YIELD:
 0.0013 BBL/MCF
 OIL YIELD: 0.0000 BBL/MCF, LAST 3 YEARS

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

YEAR	AVG MCFD	AVG BOPD
1998	38	0.00
1999	38	0.00
2000	35	0.00
2001	34	0.00
2002	32	0.00
2003	31	0.00
2004	30	0.00
2005	28	0.00
2006	27	0.00
2007	26	0.00
2008	25	0.00
2009	24	0.00
2010	23	0.00
2011	22	0.00
2012	21	0.00
2013	21	0.00
2014	20	0.00
2015	19	0.00
2016	18	0.00
2017	17	0.00
2018	17	0.00
2019	16	0.00
2020	15	0.00
2021	15	0.00
2022	14	
2023	14	0.00
2024	13	+
2025	13	0.00
2026	12	0.00
2027	1:	0.00

District I PO Box 1980, Hobbs. NM 88241-1980 State of New Mexico Energy. Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back

District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Numbe	2 Pool Code	3 Pool Name		
30-045-1311	5 72319	Blanco Mesaverde		
4 Property Code	5 Proper	ty Name	6 Well Number	
	Bruingto	n LS	4	
7 OGRID No.	8 Operator Name 9 Elev			
005073	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			
		· ·		

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	6	30N	11W		2200	South	1650	West	San Juan
			11 Bo	ttom Ho	e Location I	f Different Fr	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2 Dedicated Acre	s 13 Join	tor infli 14	Consolidation	on Code 15	Order No.				
324.4				İ					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

E	17 OPERATOR CERTIFICATION
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Way Maddax
16501 > 0	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. Date of Survey Signature and Seal of Professional Surveyor:

TW MEXICO OIL CONSERVATION COMM!

Well Location and Acreage Dedication Plat

			Date	JULY 31, 19)61
Section A.					c == 0 == (2 =
Operator EL PASO NATURAL GAS COMPANY Well No. 4 Unit Letter K Secti Located 2200 Feet From SOUTH County SAN JUAN G. L. Elevation Name of Producing Formation DAKOTA 1. Is the Operator the only owner in the dedicate	on6. Line, 5757	Dedicat Pool	1 30N Part From 2 Arrenge BASIN I	Range 3 WEST 324.40	078781 NMPM
Communitization Agreement		If answer is "yes	", Type of	Consolidation	communitizațio L
3. If the answer to question two is "no", list Owner	all the owner:	s and their respect La	ne interes ad Descri <u>i</u>	ts below:	
	••	· ,		e em en en en	
Section B.	Note: All	listances must be t	from outer l	oundaries of s	ection.
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.				RECFIVEL	
Original Signatural Ges Company Original Signatural Ges Company			\OIL	CON COM	
(Representative) Box 990 (Address)	1			DIST. 3	
Farmington, New Mexico	***************************************	SECT	I S	***************************************	
	/6.5 FE	بالار		sf 078781	N N
				FEE	
j	0 310 656	Scale 1 me			500 0

This is to certify that the above plat wie prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyor: JULY 28, 1961

Registered Principles stound Engineer and or Land Surveyor



Mid-Continent Region Exploration/Production Conoco Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5400

Conoco, Inc Bruington LS #4 API # 30-045-13115 Section 6, T-30-N, R-11-W, K San Juan County, NM

RE: Downhole Commingle Application C-107A

Notification Of Offset Operator:

Burlington Resources PO Box 4289 Farmington, NM 87499

Manana Gas Inc 2520 Tramway Terrce CRT NE Albq, New Mexico 87122

Robert L. Bayless PO Box 168 Farmington, NM 87499

Horace F McKay PO Box 14738 Albq, New Mexico 87191

Four Star Oil & Gas 3300 N. Butler Ave STE 100 Farmington, NM 87401

Richard Gordon Pettigrew 734 Kingswood Richardson, TX 75080-3121	Override	.0025000		
John Davis Worley 1106 Chesterton Richardson, TX 75080-2919	Override 9	0031250		
Robert Witten Trust 535 East 86 th St New York, NY 10028-7533	Royalty	.0104166		
Sam Mizel PO Box 703 Broken Arrow, OK 74013-07	Royalty 703	.0078125		
Jill Worley Scherer PO Box 25029 Dallas, TX 75225-1029	Override	.0031250		
Barbara Witten Trust- Andrew - 535 East 86 th St New York, NY 10028-7533	Royalty	.0104167		
Judy G. Zweibak 8914 Farnam CT Omaha, NE 68114-4076	Royalty	.0078125		
Barbara Witten Trust Elizabeth – 535 east 86 th St New York, NY 10028-7533	Royalty	.0104167		
Conoco, Inc 10 Desta Dr Suite 100W Midland, TX 79705	Working	.3500000		
Glenn R. Little 1738 Elevado RD Vista, CA 92084-2803	Override Override	.0025000	Gas Oil	.0050000
Mary Walker Life Est 1617 South Columbia West Columbia, TX 77486-	Override Override 3607	.0012500	Gas Oil	.0025000 .0025000

Hanson-McBride Petro Co PO Box 1515 Roswell, NM 88202-1515	Override Override	.0112500	Gas Oil	.0225000 .0225000
Martha Elizabeth Duggan PO Box 1453 Granbury, TX 76048-8453	Override Override	.0012500	Gas Oil	.0025000 .0025000
Peter Claud Jacobsen 3850 Westcliff Rd S Ft. Worth, TX 76109-2727	Override Override	.0012500	Gas Oil	.0025000 .0025000
Paul Slayton PO Box 2035 Roswell, NM 88202-2035	Override Override	.0112500	Gas Oil	.0225000 .0225000
Mary Elizabeth Cauble Walker Executrix 1617 S. Columbia Dr West Columbia, TX 77486-3	Override Override 3607	.0012500	Gas Oil	.0025000 .0025000
Mineral Management Ser Onshore Federal # 17555 PO Box 5810 Denver, CO 80217-5810	Royalty Royalty	.0625000	Gas Oil	.1250000 .1250000
Welles Farms Partnership C/O Holly P. Wells 807 Chestnut St San Francisco, CA 94133-2	Royalty 2245	.0625000		
Conoco, Inc 10 Desta Dr Suite 100W Midland, TX 79705	Working Working	.4375000	Gas Oil	.8150000 .8150000

A copy of the C-107A Downhole Commingle Application has been sent by certified mail to the above listed parties on this the 24th day of March, 1998 – See attached evidence

Bruington LS #4

Name & Address	Interest	Mesaverde%	Dakota%
Fred S. Reynolds & Assoc STE 2805 500 Throckmorton Fort Worth, TX 76102-3815	Royalty	.0058595	
Providence Oil & Gas STE A 3210 S. Norwood Ave Tulsa, OK 74135-5463	Royalty	.0019530	
William J Carey C/O Comercia Bank Texas STE 960 8111 LBJ FWY Dallas, TX 75251	Override	.0250000	
Raffkind Revocable Trust Daniel & Myra Raffkind Trustees 3800 Danbury Amarillo, TX 79109-4030	Royalty	,0078125	
Charlsie R. Reardon Lot 1113 5707 E. Hwy 80 Yuma, AZ 85365-1270	Override	.0025000	
Jane R. Turner Apt 101 1124 W. Poplar Rogers, AZ 72756-4256	Override	.0012500	
Henrietta E. Schultz Trustee Lincoln Plaza, STE 2160 500 N. Akard Dallas, TX 75201-3325	Override	.0500000	

ceipt for Certified Mail

nsurance Coverage Provided. ot use for International Mail (See reverse)

> Providence Oil & Gas STE A 3210 S. Norwood Ave. Tulsa, OK 74135-5463

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eipt for Certified Mail

surance Coverage Provided. it use for International Mail (See reverse)

Mary Walker Life Est. 1617 South Columbia st Columbia, TX 77486-3607

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cted Delivery Fee	
n Receipt Showing to	
Descript Chauses to Miles	

1 497 374 103

ostal Service

ceipt for Certified Mail

surance Coverage Provided. ot use for International Mail (See reverse)

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

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P 497 374 105

Postal Service

ceipt for Certified Mail

nsurance Coverage Provided. not use for International Mail (See reverse)

Fred S. Reynolds & Assoc. STE 2805 500 Throckmorton Fort Worth, TX 76102-3815

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um Receipt Showing to om & Date Delivered	
m Receipt Showing to Whom, 3 Addressee's Address	
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P 497 374 **096**

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

> Charlsie R. Reardon Lot 1113 5707 E. Hwy 80 Yuma, AZ 85365-1270

P 497 374 099

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

> Peter Claud Jacobsen 3850 Westcliff Rd. S Ft. Worth, TX 76109-2727

-	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
266	Return Receipt Showing to Whom & Date Delivered	
₹.	Return Receipt Showing to Whom,	

P 497 374 102

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

> Robert Witten Trust 535 East 86th St New York, NY 10028-7533

į	Certified Fee	

P 497 374 367

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

De estura facilitamentional Mail (Soo reverse)

3	DO NOT use for international Mail (Dec 1010100)			
	Sent to Judy G. Zweibak			
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	Post Office. State. & ZIP Cod	NE 68114407		
	Postage	\$		
	Certified Fee			
	Special Delivery Fee			
}	Restricted Delivery Fee			
)	Return Receipt Showing to Whom & Date Delivered			
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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

Richard Gordon Pettigrew 734 Kingswood Richardson, TX 75080-2919

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

> Mineral Management Ser Onshore Federal # 17555 PO Box 5810 Denver, CO 80217-5810

	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
1995	Return Receipt Showing to	

P 497 374 101

US Postal Service

Receipt for Certified Main

No insurance Coverage Provided. Do not use for International Mail (See reverse)

Barbara Witten Trust -Andrew 535 East 86th Street New York, NY 10028-7533

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Bandara Witten Trust - Eliza Street & Number SAST 86t- St Post Office. State & ZIP Code 10028-7			
	Postage	\$	
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	Special Delivery Fee		
	Restricted Delivery Fee		
April 1995	Return Receipt Showing to Whom & Date Delivered		
April	Return Receipt Showing to Whom, Date, & Addressee's Address		
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Raffkind Revocable Trust niel & Myra Raffkind Trustees 3800 Danbury

497 374 O65

al Service

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ance Coverage Provided. se for International Mail (See reverse)

John Davis Worley 1106 Chesterton Iardson, TX 75080-2919

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livery Fee	

497 374 090

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urance Coverage Provided. use for International Mail (See reverse)

/elles Farms Partnership C/O Holly P. Wells *07 Chestnut St Francisco, CA 94133-2245

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Paul Slayton PO Box 2035 oswell, NM 88202-2035

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ostage & Fees	\$		
or Date	 		

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

William J. Carey C/O Commercial Bank Texas STE 960 8111 LBJ FWY

XIII LBJ FW Y

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Jill Worley Scherer PO Box 25029 Dallas, TX 75225-1029

Certified Fee	
Special Delivery Fee	

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Mary Elizabeth Cauble Walker Executrix 1617 S. Columbia Dr. West Columbia, TX 77486-3607

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Certified Fee	

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Hanson - McBride Petro Co. Po Box 1515 Roswell, NM 88202-1515

April 1995	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, & Addressee's Address	
200	TOTAL Postage & Fees	\$
PS Form 3800	Postmark or Date	

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Jane R. Turner Apt. 101 1124 W. Poplar Rogers, AZ 72756-4256

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Glenn R. Little 1738 Elevado RD Vista, CA 92084-2803

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail (See reverse)

> Martha Elizabeth Duggan PO Box 1453 Granbury, TX 76048-8453

Certified Fee	
Special Delivery Fee	

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US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sam Mizel PO Box 703 Broken Arrow, OK 74013-0703

April 1995	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom. Date, & Addressee's Address	
000	TOTAL Postage & Fees	\$
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