ABOVE THIS LINE FOR DIVISION USE ONLY

2147

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Directional Drilling NOV 3 0 1993
Check One Only for [B] and [C] [B] Commingling - Storage - Measurement ☑ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR
[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply [A] Working, Royalty or Overriding Royalty Interest Owners
[B]
[C] Application is One Which Requires Published Legal Notice
[D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E]
[F] Waivers are Attached
[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding
I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

	ave the application package returned		1011 01
	Note: Statement must be completed by an individua	al with supervisory capacity.	
Kay Maddox	Yan Maddes	Regulatory Agent	11/29
Print or Type Name	Signature	Title	Date

. DISTRICT

BITRICT II

PO Box 1980, Hobbs, NM 88241 1980

State of New Mexico Energy, Minerals and Natural Rasources Department

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

OIL CONSERVATION DIVISION

APPROVAL PROCESS
Administrative Hearing
EVICTING INC. I DODG

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

811 SouthI First St. Artesia NM 88210 2835

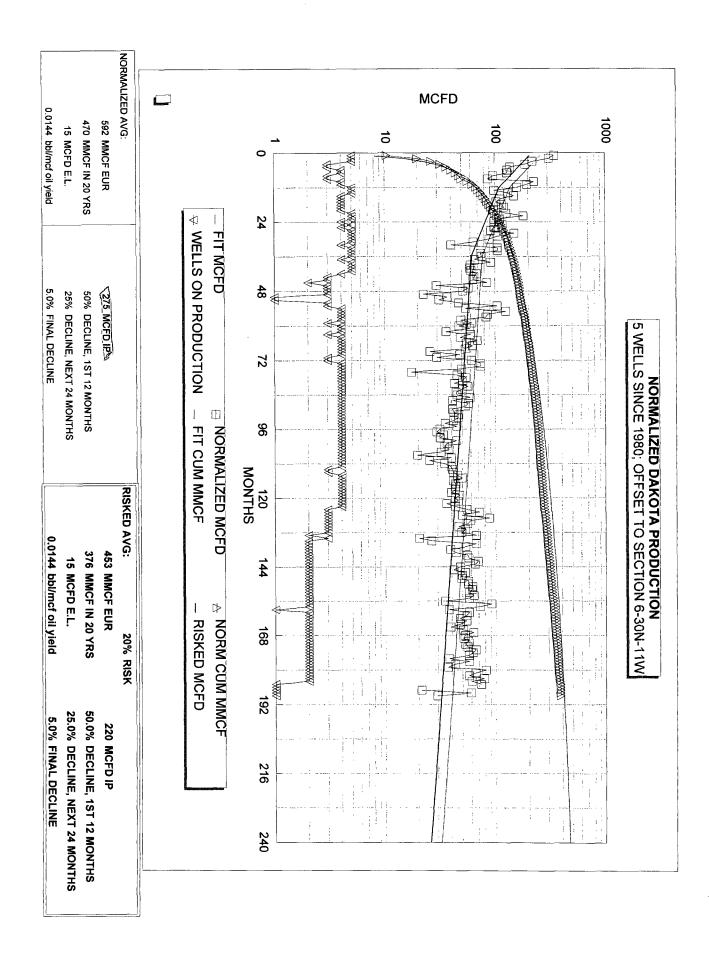
2040 S. Pacheco Santa Fe, New Mexico 87505-6429 APPLICATION FOR DOWNHOLE COMMINGLING

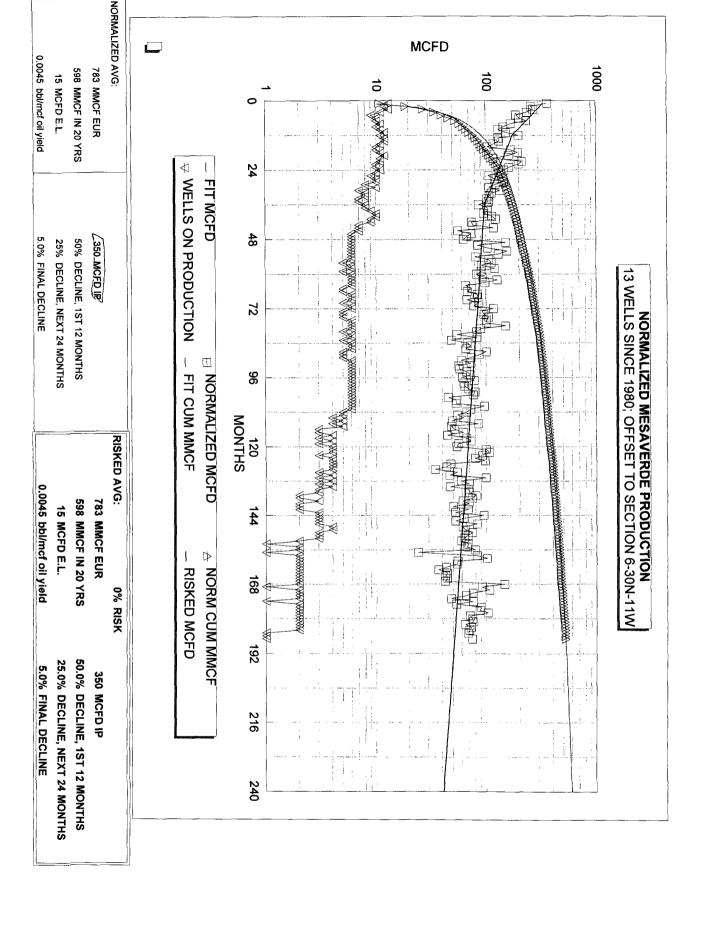
EXISTING WELLBORE YES NO

Conoco Inc.		0 Desta Dr. Ste 100W, Midland	, Tx. 79705-4500	
Bruington LS	#4R	Section 6, T-30-N, R-11-W, 1	N San Juan	
OGRID NO. 005073 Property Code		t Ltr Sec Twp Rge Spacing Federal	Unit Lease Types: (check 1 or more) , State (and/or) Fee	
The following facts ate submitted in support of downhole commingiling:	Upper Zone	intermediate Zone	Lower Zone	
Pool Name and Pool Code	Blanco Mesaverde (72319)		Basin Dakota (71599)	
TOP and Bottom of Pay Section (Perforations)	4200-4800'		6600-6800'	
Type of production (Oil or Gas)	Gas		Gas	
Method of Production {Flowing or Artificial Lilt}	Expected Flowing		Expected Flowing	
5. Bottomhole Pressure Oil Zones - Artilicial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones:	a (Current) 528 b(Original)	a. b.	a. 848 b.	
Estimated Or Measured Original 6. Oil Gravity (°API) or Gas BT Content	1291		2206 -	
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 lsst production	Date Rates	D ate Rates:	Date Rates	
Note For new zones with no production history applicant shad be required to attach production estimates and supporting dara • If Producing, date and oil/gas/ water rates of recent test (within 60 days)	To be provided upon completion	Dale Rates	Date To be provided upon completion	
8. Fixed Percentage Allocation Formula -% or 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? If not, have all working, overriding, and royalty interests been notified by certified mail? Have all offset operators been given written notice of the proposed downhole commingling? X Yes No No 11. Will cross-flow occur? X 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. X Yes No (If No, attach explanation) 12. Are all produced fluids from all commingled zones compatible with each others X 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 to at least one year. (If not available, attach explanation.) * For zones with no production history, estimated production rates and supporting data. * 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.				
X	•1	TITLE Regulatory Agent		
TYPE OR PRINT NAME Kay Made	dox	TELEPHONE NO.	(915) 686-5798	

__TELEPHONE NO. <u>(915)</u>

686-5798





DESCRIPTION:	Dakota Formation - c	urrent pressure	based on 9 sec offsets
WELL NAME :	Bruington LS #4 (06K	(-T30N-R11W)	
GAS GRAVITY:	0.69	% N2	0.65 %
CONDENSATE (YES=1):	: 1	% CO2	1.00 %
RESERVOIR TEMP:	200 'F	% H2S	0.00 %
SURFACE TEMP:	60 'F	Pc =	668.66
DEPTH OF ZONE:	6,725 feet	Tc =	378.99

SURFACE PRES	BHP	Z	BHP/Z
psi	psi		psi
723	848	0.9817	864

DESCRIPTION:	Dakota Formation - o	riginal pressure	based on measured ISIP
WELL NAME :	Bruington LS #4 (06)	<-T30N-R11W)	
GAS GRAVITY:	0.69	% N2	0.65 %
CONDENSATE (YES=1):	1	% CO2	1.00 %
RESERVOIR TEMP:	200 'F	% H2S	0.00 %
SURFACE TEMP:	60 'F	Pc =	668.66
DEPTH OF ZONE:	6,725 feet	Tc =	378.99

SURFACE PRES	BHP	Z	BHP/Z
psi	psi		psi
2,076	2,206	2.4086	916

DESCRIPTION:	Mesaverde For	mation - original press	sure based or	n 9 sec offsets
WELL NAME:	Bruington LS #4	4 (06K-T30N-R11W)		
GAS GRAVITY:	0.70	% N2	0.40	%
CONDENSATE (YES=1):	1	% CO2	0.85	%
RESERVOIR TEMP:	150 'F	% H2S	0.00	%
SURFACE TEMP:	60 'F	Pc =	667.68	
DEPTH OF ZONE:	4,503 fee	t Tc=	381.89	

SURFACE PRES	BHP	Z	BHP/Z
psi	psi		psi
1,136	1,291	0.8652	1,492

DESCRIPTION:	Mesaverde	Formati	ion - current pres	sure based o	n 9 sec offsets
WELL NAME :	Bruington LS	S #4 (06	6K-T30N-R11W)		
GAS GRAVITY:	0.70	-	% N2	0.40	%
CONDENSATE (YES=1):	1		% CO2	0.85	%
RESERVOIR TEMP:	150	'F	% H2S	0.00	%
SURFACE TEMP:	60	'F	Pc =	667.68	
DEPTH OF ZONE:	4,503	feet	Tc =	381.89	

SURFACE PRES	BHP	Z	BHP/Z
psi	psi		psi
471	528	0.9387	562

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

12 Dedicated Acres

13 Joint or Infll

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

		WE	LL LO	CATION	I AND ACR	EAGE DEDIC	CATION PL	AT		
API Number			T	2 Pool C	ode		3 Pool Nam	ne	· · · · · · · · · · · · · · · · · · ·	
			1	72319			Blanco Mes	saverde		
4 Property	Code		5 Property Name				6	6 Well Number		
					Bruingtor	ı LS			#4R	
7 OGRID No		8 Operator Name					9	9 Elevation		
00507	3	Conc	oco Inc.,	10 Desta	Drive, Ste. 10	, Ste. 100W, Midland, TX 79705-4500 5915'				
					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	
N	6	30N	11W		790'	South	925'	West	San Juan	
			11 Bo	ttom Ho	le 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	

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

15 Order No.

14 Consolidation Code

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

17 OPERATO
I hereby certify that the true and complete to the 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Kay Maddox Printed Name Regulatory Agent Title November 19, 1998 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: 925 Certificate Number

District 1 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

istrict IV O Box 2088, S	Santa Fe.	NM 875	04-2	2088							AME	NDED REPORT
		W	VEL	L LO	CATI	ON AN	D ACR	EAGE DEDI	CATION PL	ΑT		
AF	Numbe	r			2 Po	ol Code			3 Pool Nam	ie		
				<u> </u>	71:	599			Basin Da	kota	2 14:	
4 Property (Code						5 Propert				6 We	ll Number
7 OGRID No.							Bruington				9 E	#4R levation
	l	C	2000	o Inc	10 De	seta Drive	•	tor Name)0W, Midland, T	Y 79705_4500	1)	5915
005073	21		31100	JO 1110.,	10 00			Location	70700-4000			7710
UL or lot no.	Section	Townsh	nip	Range	Lot lo		from the	North/South line	Feet from the	East/We	st line	County
N	6	30N		11W	1		790'	South	925'	w	est	San Juan
	<u> </u>	3011			ttom	Hole Lo		f Different Fr	L	<u>''</u>		Dan Jaan
UL or lot no.	Section	Towns	hip	Range	Lot ic		from the	North/South line	Feet from the	East/We	st line	County
			-			1		İ				
12 Dedicated Acre	s 13 Join	t or Infil	14 (Consolidati	on Code	15 Order N	lo.					
320												
NO ALLO	WABLE							ON UNTIL ALL			EN CO	NSOLIDATED
16		- OK	AI	MON-21	ANDA	KD UNI	I HAS D	EEN APPROVEI			OFR	
10									- 11			ΓΙΓΙCATION
									11			i contained herein is knowledge and pelief
									11	/		
								:	1 1	/ 1/	\mathcal{N}	60 0
					+-				$- \underline{g}$	4-11	/add	
									Signature	Kay	Maddo	ΟX
,					1				Printed Nam	-		
									Title	Regul	atory A	gent
										Novem	ber 19,	1998
									Date			
	222249401	2002840	2 2 2 2 :	90222400	5049-00G	100000000	*****	48 888888888888888	18 SUR	VEYOR	CER	TIFICATION
									l hereby cer	tify that the	well location	on shown on this plat
												al surveys made by me the same is true and
									correct to th			, ,
										· · · · · · · · · · · · · · · · · · ·		
									Date of Sun Signature ar	•	nfessional	Surveyor
									5.3.2.2.2	V) 1 1		Carroyon.
925'												
10	→ o]										
7							;		Į.			
925'	18								Certificate N	lumber		
1	- 1	1			1				*			

Conoco, Inc.

Bruington LS #4R

API # N/A

Section 6, T-30-N, R-11-W, N

San Juan County, NM

RE: Downhole Commingle Application C-107A

Notification of Offset Operators:

Burlington Resources PO Box 4289 Farmington, NM 87499

Manana Gas Inc 2520 Tramway Terrace CRT NE Albq., NM 87122

Robert L., Bayless PO Box 168 Farmington, NM 87499

Horace F. McKay PO Box 14738 ALBQ., NM 87191

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

Taurus Exploration USA Inc. – Energy Resources 2101 6th Ave N
Birmingham, Al 35203-2784

Cross Timbers Oil Company 810 Houston St STE 2000 Fort Worth, TX 76102-6223

Amoco PO Box 800 Denver, CO 80201

The above listed parties have been sent a copy of the C-107A application of subject well

Bruington LS #4R

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	

Richard Gordon Pettigrew 734 Kingswood Richardson, TX 75080-3121		.0025000		
John Davis Worley 1106 Chesterton Richardson, TX 75080-291	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 .0050000
Mary Walker Life Est 1617 South Columbia West Columbia, TX 77486-3	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

Z 137 529 A53 3 Postal Service eceipt for Certified Mail

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

stage	\$
rtified Fee	
ecial Delivery Fee	

Z 137 529 854

S Postal Service eceipt for Certified Mail

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

Z 137 529 856

3 Postal Service eceipt for Certified Mail

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

2	S
Postage	
	L \

Z 137 529 858

US Postal Service

Receipt for Certified Mail

Judy G. Zweibak 8915 Farnam Ct Omaha, NE 68114-4076

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Dohum Consist Chamber to last	

Z 137 529 871

US Postal Service Receipt for Certified Mail

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

Postage	\$
Certified Fee	
Special Delivery Fee	

Z 137 529 855

US Postal Service

Receipt for Certified Mail

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

Z 137 529 869

US Postal Service

Receipt for Certified Mail

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

Postage

Z 137 529 851

Postal Service eceipt for Certified Mail

Fred S. Reynolds & Assoc. STE 2805 500 Throckmorton

Fort Worth, TX 76102-3815

ostage	\$
ertified Fee	
pecial Delivery Fee	
lestricted Delivery Fee	
leturn Receipt Showing to Vhorn & Date Delivered	
Johan Boosint Chowing to Mhom	

Z 137 529 872

US Postal Service

Receipt for Certified Mail

John Davis Worley 1106 Chesterton Richardson, TX 75080-2919

Postage	\$
Certified Fee	
Special Delivery Fee	

Z 137 529 870

US Postal Service

Receipt for Certified Mail

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

Z 137 529 A57

US Postal Service

Receipt for Certified Mail

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

Postage	\$

Z 137 529 852

US Postal Service

Receipt for Certified Mail

Henrietta E. Schultz Trustee Lincoln Plaza, STE 2160 500 N. Akard 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	

7 1.37 529 868

Postal Service ceipt for Certified Mail

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

itage	\$
tified Fee	
acial Delivery Fee	

Z 137 529 850

JS Postal Service

Receipt for Certified Mail

Vo Insurance Coverage Provided. Do not use for International Mail (See reverse)

Sent to Tawus - Energy Resa	nces
Street's Number of the N.	
Post Office, State, & ZIP Code AL 35203-21 BIYMING NEWN, AL 35203-21	14

2 137 529 862

US Postal Service

Receipt for Certified Mail

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

Postage	\$

Z 137 529 A60

JS Postal Service

Receipt for Certified Mail

Welles Farms Partnership C/O Holly P. Wells 807 Chestnut St San Francisco, CA 94133-2245

ostage	s
ertified Fee	
pecial Delivery Fee	
estricted Delivery Fee	
eturn Receipt Showing to hom & Date Delivered	

Z 137 529 867

US Postal Service Receipt for Certified Mail

Providence Oil & Gas

STE A 3210 S. Norwood Ave. Tulsa, OK 74135-5463

Z 137 529 ALL

US Postal Service Receipt for Certified Mail Barbara Witten Trust-Elizabeth 535 EAST 86 to St New York, NY 10028-7533

Z 137 529 865

US Postal Service

Receipt for Certified Mail

Charlsie R. Reardon Lot 1113 5707 E. Hwy 80

Z 137 529 ALL

US Postal Service

Receipt for Certified Mail

Paul Slayton PO Box 2035 Roswell, NM 88202-2035

Z 137 529 859

US Postal Service

Receipt for Certified Mail

RAFFRING REVUCABLE Trust Daniel + Myra Rafflind Tustes 3800 Danbury Amarillo, Tx 79104-4030

	Postage	\$
	Certified Fee	
•	Special Delivery Fee	
	Restricted Delivery Fee	
2	Return Receipt Showing to Whom & Date Delivered	
į	Return Receipt Showing to Whom,	

Z 137 529 873

US Postal Service

Receipt for Certified Mail

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

Postage	\$
Certified Fee	
Special Delivery Fee	

Z 137 529 863

US Postal Service

Receipt for Certified Mail

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

Z 137 529 A64

US Postal Service

Receipt for Certified Mail

Richard Gordon Pettigrew 734 Kingswood Richardson, TX 75080-2919

Postage	\$

Z 137 529 874

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided. Do not use for International Mail /S William J. Carey C/O Commercial Bank Texas **STE 960** 8111 LBJ FWY Dallas, TX 75251

		L
	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom,	