

DATE IN 6/11/01	SUSPENSE 7/2/01	ENGINEER DC	LOGGED BY KW	TYPE DHC
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116551393

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2928

### ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

#### Application Acronyms:

[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]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☐ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] 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] ☒ Offset Operators, Leaseholders or Surface Owner

[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] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[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 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.

Note: Statement must be completed by an individual with supervisory capacity.

Kay Maddox  
Print or Type Name

Signature

*Kay Maddox*

Regulatory Agent  
Title

Date

6/5/01

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

DISTRICT II  
811 South First St. Artesia NM 88210 2835

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

Lease SEMU Well No # 146 Unit Ltr Sec Twp Rge Section 25, T-20-S, R-37-E, F County Lea

OGRID NO. 005073 Property Code                      API NO. 30-025-34977 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	North Hardy Tubb/Drinkard (96356)		South Skaggs Abo (56650)
2. TOP and Bottom of Pay Section (Perforations)	6490-6647'		7100-7134'
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
5. Bottomhole Pressure	a (Current)	a.	a.
Oil Zones - Artificial Lift: Estimated Current	2000		1770
Gas & Oil - Flowing: Measured Current	b(Original)	b.	b.
All Gas Zones: Estimated Or Measured Original	2500		1770
6. Oil Gravity (°API) or Gas BT Content	39		40
7. Producing or Shut-In?	Producing		Shut-in
Production Marginal? (yes or no)	Yes		Yes
• If Shut-In give date and oil/gas/water rates of last production	Date Rates	Date Rates:	Date Rates 12/6/2000 10 BOPD, 27 MCFGPD, 38 BW
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 3/29/01 36 BOPD, 20 MCFD, 80 BWPD	Date Rates	Date Rates
8. Fixed Percentage Allocation Formula - % for each zone	oil: 69 % Gas 43 %	oil: % Gas %	oil: 31 % Gas 57 %

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 communized 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 6/5/01

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

## SEMU #146 Test Volumes

Date	Tubb				Abo		
	Oil (BOPD)	(BWPD)	(MCFD)		Oil (BOPD)	(BWPD)	(MCFD)
12/6/2000					10	38	27
3/26/2001	19	34	20				
3/27/2001	22	45	20				
3/29/2001	36	80	20				
4/18/2001	34	37	20				
5/1/2001	12	28	20				
5/2/2001	17	30	20				
5/3/2001	17	30	20				
Avg.	22	41	20		10	38	27

Tubb %	69	43
Abo %	31	57

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

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 21, 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		2 Pool Code 56650	3 Pool Name South Skaggs Abo
4 Property Code	5 Property Name SEMU		6 Well Number #146
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500		9 Elevation 3519'

#### 10 Surface Location

UL or lot no. F	Section 25	Township 20S	Range 37E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1830	East/West line West	County Lea
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#### 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 40		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

16			

#### 17 OPERATOR CERTIFICATION

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

June 8, 2000

Signature

Kay Maddox

Printed Name

Regulatory Agent

Title

Date

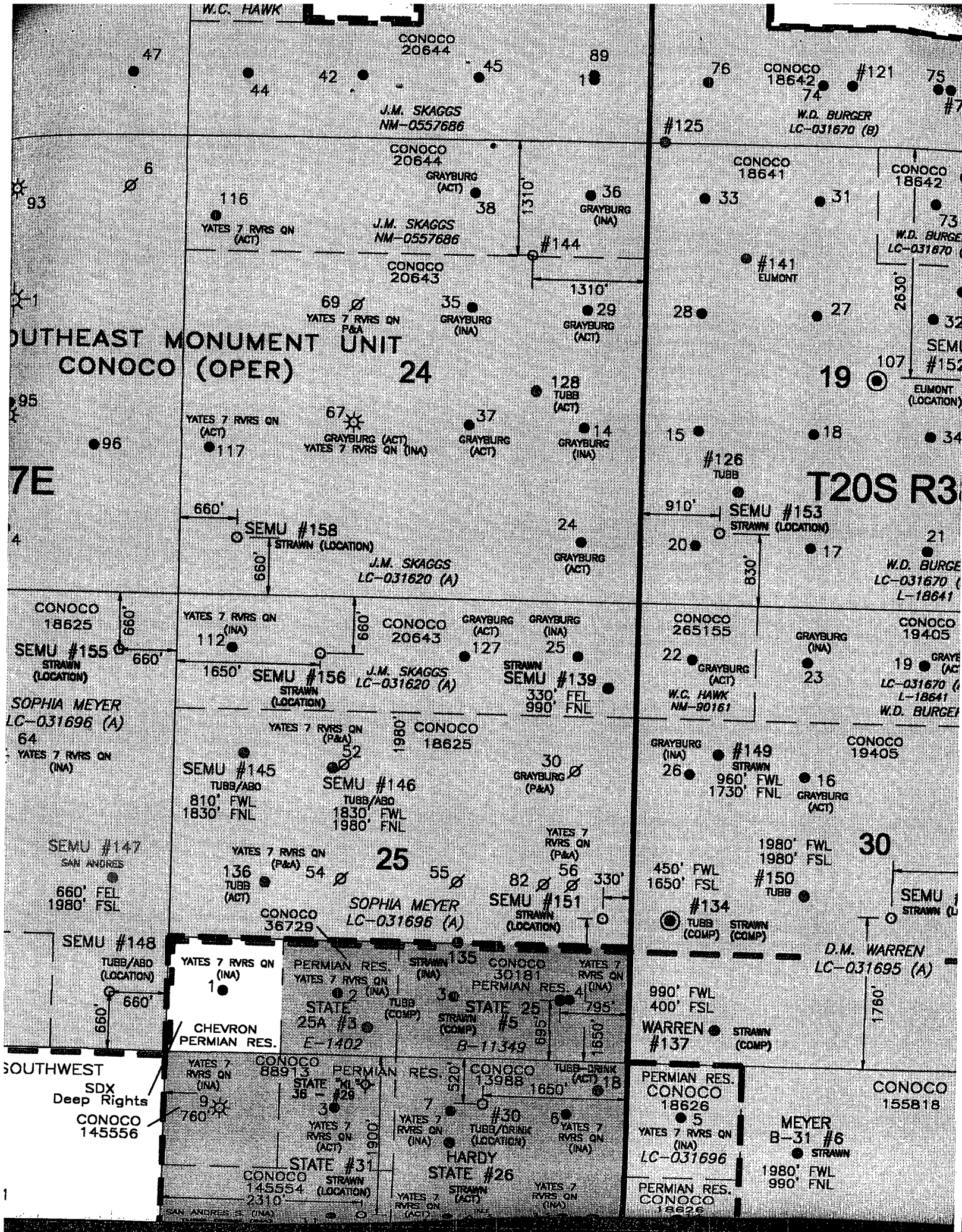
#### 18 SURVEYOR CERTIFICATION

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:

Certificate Number



Z 740 467 729

**Receipt for Certified Mail**

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TIMOTHY T LEONARD  
P O BOX 2625  
EAGLE PASS TX 78853-2625

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Special Delivery Fee	
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TOTAL Postage & Fees	\$
Postmark or Date	

Z 740 467 730

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BOYS & GIRLS CLUBS OF AMERICA  
NATIONAL HEADQUARTERS  
1230 W PEACHTREE ST NW  
ATLANTA GA 30309-3404

Certified Fee	
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MOLLY M AZOPARDI  
P O BOX 620  
WIMBERLEY TX 78676-0620

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LEONARD TRUST  
ROBERT J LEONARD TRUSTEE  
P O BOX 400  
ROSWELL NM 88202-0400

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TZ OIL PROPERTIES LTD  
O BOX 35  
AYSON AZ 85547-0035

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Special Delivery Fee	
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TOTAL Postage & Fees	\$
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BOYER/COLEMAN/SPITLER COLL.  
TR #1 c/o BANK OF AMERICA NA  
TRUSTEE  
P O BOX 840738  
DALLAS TX 75284-0738

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Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
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TOTAL Postage & Fees	\$
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P 268 425 002

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CATHY CONE MCCOWN  
P O BOX 658  
DRIPPING SPRINGS TX 78620-0658

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Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
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PS Form 3800, April 1995

US Postal Service

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ME-TEX SUPPLY CO.  
P O BOX 2070  
HOBBS NM 99241-2070

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

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ENNETH CONE TRUST  
ENNETH CONE TRUSTEE  
O BOX 11310  
IDLAND TX 79702-8310

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Restricted Delivery Fee	
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TOTAL Postage & Fees	\$
Postmark or Date	



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CHEVRON USA INC  
P O BOX 840592  
DALLAS TX 75284-0592

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BETTY KYLE DREESSEN IRREV TR.  
OF INGRID DREESSEN POWELL TRST  
POWELL TRUSTEE  
P O BOX 1665  
LOS ALTOS CA 94023-1665

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing	

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ELKS NATL FOUNDATION  
JIM O'KELLEY DIRECTOR  
2750 N LAKEVIEW AVE  
CHICAGO IL 60614-1842

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

Z 740 467 724



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(See Reverse)

TOM CONE CHILDRENS TRUST  
U/W OF KATHLEEN CONE  
c/o BANK OF OKLA SUCC TRUSTEE  
P O BOX 1588  
TULSA OK 74101-1588

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AUVENSHINE CHILDREN TEST TR.  
P O BOX 507  
DRILLING SPRINGS TX 78620-050

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W BURGER TRUST NO 1  
P O BOX 3735  
BILENE TX 79604-3735

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TOTAL Postage & Fees	\$
Postmark or Date	

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NEW MEXICO BOYS RANCH INC  
BUSINESS OFFICE  
6209 HENDRIX NE  
ALBUQUERQUE NM 87110-1334

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Restricted Delivery Fee	
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TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

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CEICL BOND KYTE  
P O BOX 30864  
SANTA BARBARA CA 93130-0864

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PS Form 3800, March 1993

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MINERALS MGT SERVICE  
ONSHORE FEDERAL #17555  
P O BOX 5810  
DENVER CO 80271-5810

P 268 424 999

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# **Receipt for Certified Mail**

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Sent to

GEORGE H ETZ SR TRUST  
GEORGE H ETZ JR TRUSTEE  
1105 XANTHISMA  
MCALLEN TX 78504-3519

Form 3800, April 1995

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TOM R CONE  
P O BOX 778  
JAY OK 74346-0778

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KENNETH G CONE  
P O BOX 11310  
MIDLAND TX 79702-8310

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Special Delivery Fee

Restricted Delivery Fee

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Do not use for International

BETTY M DREESSEN REV TR.  
BETTY M DREESSEN TRUSTEE  
P O BOX 817  
LOS ALTOS CA 94023-0817

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Restricted Delivery Fee	
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DAVID BOND KYTE 1997 TR  
DAVID M YAGER SUCC. TRUSTEE  
P O BOX 576  
SANTA BARBARA CA 93102-0576

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Postmark or Date	

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THE LONG TRUST  
P O BOX 3096  
KILGORE TX 75663-3096

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Special Delivery Fee

Restricted Delivery Fee

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EDWARD DREESSEN JR  
P O BOX 416  
LOS ALTOS CA 94023-0416

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Restricted Delivery Fee	
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995

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ATLANTIC RICHFIELD CO  
P O BOX 910355  
DALLAS TX 75391-0355

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