

DHC

6/25/96

1308

Southern

Rockies

Business

Unit

May 30, 1996

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

Application for Exception to Rule 303-C - Downhole Commingling
Baca Gas Com A #1A Well
Unit F Section 26-T29N-R10W
Otero Chacra and Blanco Mesaverde Pools
San Juan County, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

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

Sincerely,

Pamela W. Staley

Enclosures

cc: Steve Webb
Gail Jefferson
Wellfile
Proration File

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

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator		Address	
Baca Gas Com A	1A	F-26-29N-10W	San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County

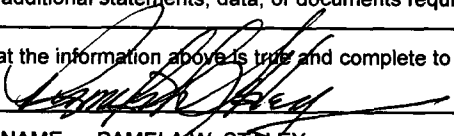
Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000291 API NO. 3004526180 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	OTERO CHACRA 82329		BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	2842' - 2952'		3748' - 4374'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure	a. (Current) 549 PSI	a.	a. 607 PSI
Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated or Measured Original	b. (Original) 1187 PSI	b.	b. 1433 PSI
6. Oil Gravity (° API) or Gas BTU Content	1179 BTU		1310 BTU / 49 DEG API
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		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)	Date: 5/96 Rates: 45 MCFD 0 BCPD 0 BWPD	Date: Rates:	Date: 5/96 Rates: 130 MCFD .003 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 25 %	Oil: % Gas %	Oil: 100 % Gas 74 %

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-077082
15. NMOC 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		TITLE	REGULATORY AFFAIRS REP	DATE	5/30/96
TYPE OR PRINT NAME	PAMELA W. STALEY	TELEPHONE NO. (	303	)	830-5344

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

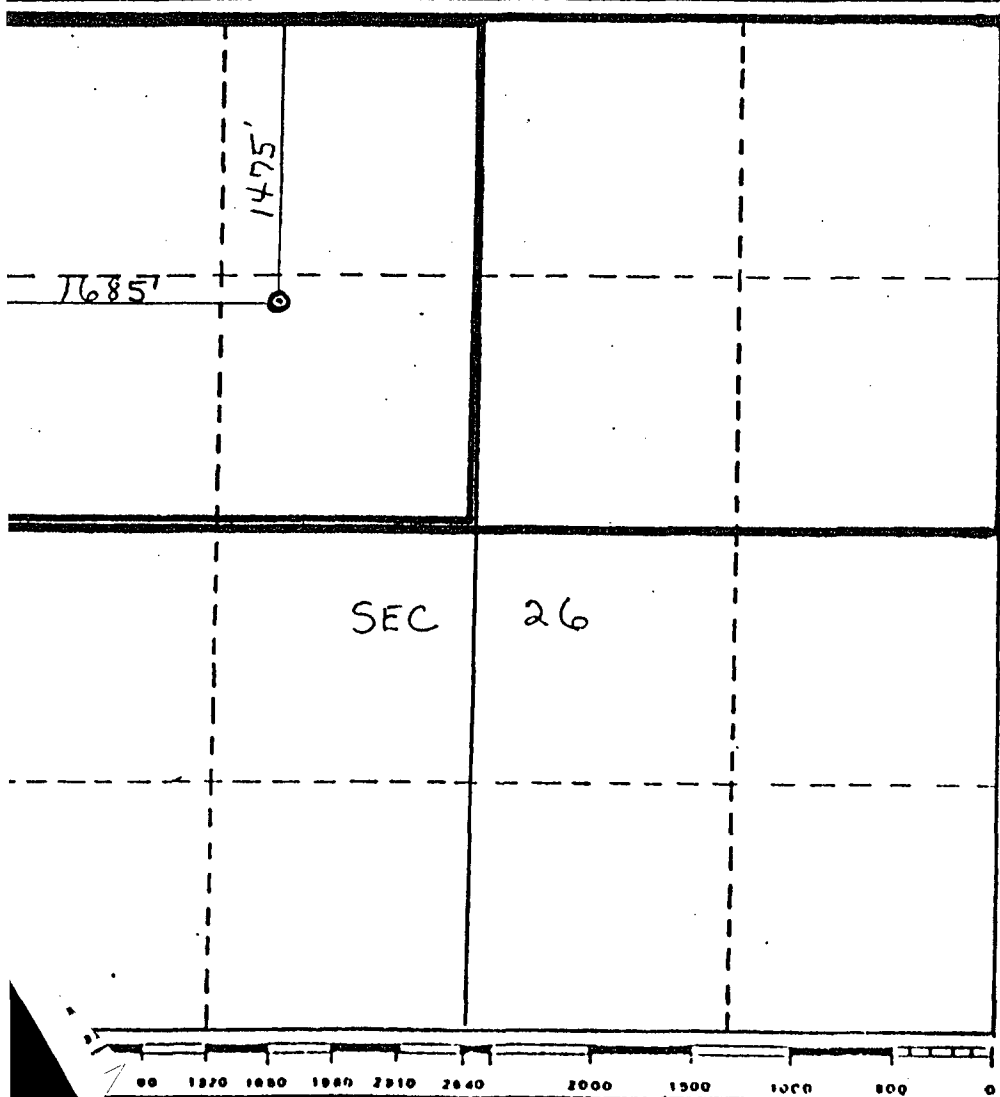
Operator Amoco Production Co.		Lease Baca Gas Com "A"		Well No. 1A
Well Letter F	Section 26	Township 29N	Range 10W	County San Juan
Actual Footage Location of Well: 1475 feet from the North line and 1685 feet from the West line				
Well Level Elev. 5507	Producing Formation Mesaverde/chacra	Pool Blanco Mesaverde/Otero Chacra	Dedicated Acreage 320/160 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 _____

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 Division.



CERTIFICATION

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

B. D. Shaw

Name

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Co.

Date

October 18, 1985

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

February 1985

Registered Professional Engineer

and Land Surveyor of New Mexico

Fred B. Kerr, Jr.

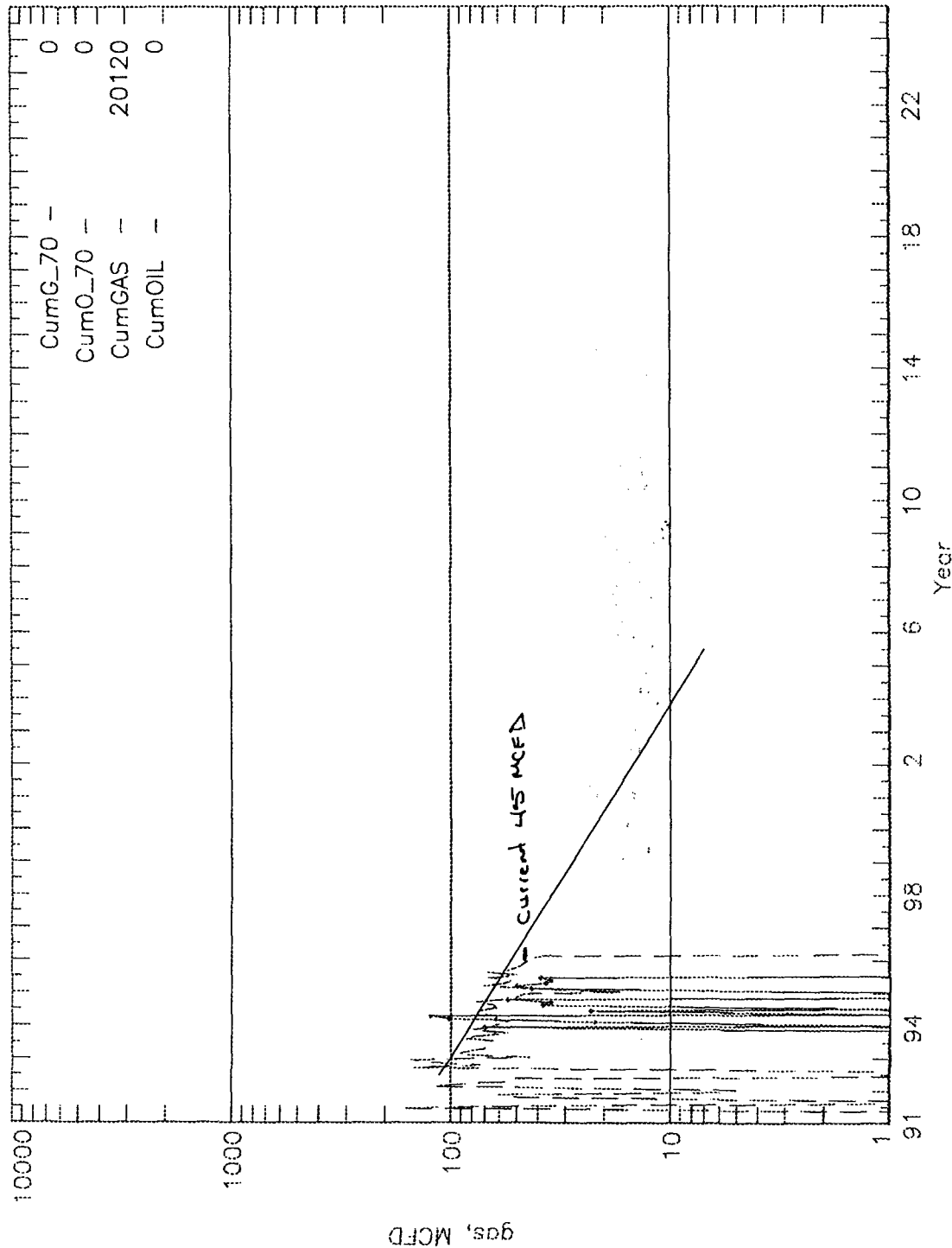
Certification No.

1950

KERR, JR.

For: zslw11
 Engr: zr06

BACA GAS COM A 1A
 300452618000CK F262910-001ACK
 Operator- AMOCO PRODUCTION CO
 APC_WI - 0.75000000



Reserves

DCLN
 CurrQ
 RemRes
 EUR
 Fit_date

For: zslw11
Engr: zr06

BACA GAS COM A 1A Operator- AMOCO PRODUCTION CO

300452618000MV F262910-001AMV

APC_WI - 0.87500000

CumG_70 -	0
CumO_70 -	0
CumGAS -	63176
CumOIL -	386

gas, MCFD

Reserves

DCLN
CurrQ
RemRes
EUR
Fit_date

Year

Last Op. Forecast by zr06 in 07/1995

16125300 00001
617000 00
AMOCO PRODUCTION COMPANY
P O BOX 591
TULSA

ZJAM63

OK 74102-0591

16078800 00001
318437 00
J E BACA
8100 GRANDVIEW AVE
ARVADA

ZJAM63

CO 80002-2406

16125300 00001
130034 00
GEORGIA F ANDERSON LIVING TRUST
GEORGIA F ANDERSON TRUSTEE
U/A DATED 03-09-1990
322 SOUTH MAIN
AZTEC

ZJAM63

NM 87410-2125

16078800 00001
113634 00
LEONARD C BACA
3751 S NELLIS RD 289
LAS VEGAS

ZJAM63

NV 89121-3131

16078800 00001
684722 00
JERRY J ANDREW
408 LONGWOODS
HOUSTON

ZJAM63

TX 77024-5617

16078800 00001
318057 00
LUCY BACA
2502 WEST 17 STREET
PUERLO

ZJAM63

CO 81003-1235

16078800 00001
339947 00
JULIE ANN ANTWEIL TRUST ESTATE
4408 CANYON COURT NE
ALBUQUERQUE

ZJAM63

NM 87111-3010

16078800 00001
118681 00
MANUEL BACA JR
P O BOX 19
IGNACIO

ZJAM63

CO 81137-0019

16125300 00001
106659 00
SUSIE ARMENTA LIVING TRUST
SUSIE M ARMENTA TRUSTEE U/A 03/15/91
P O BOX 1593
TAHLEQUAH

ZJAM63

OK 74465-1593

16078800 00001
318065 00
MARTHA J BACA
127 DURAN ST (REAR)
SANTE FE

ZJAM63

NM 87501-181

16078800 00001
318058 00
AMARANTE FELIPE BACA
C/O CHRISTOPHER P BACA
6901 TULSA CIRCLE
LAS VEGAS

ZJAM63

NV 89108-5419

16078800 00001
118682 00
MARY BACA
BOX 19
IGNACIO

ZJAM63

CO 81137-001

16078800 00001
318056 00
FELIX I BACA
4645 EAST GRANADA RD
PHOENIX

ZJAM63

AZ 85008-4142

16078800 00001
249672 00
CARMEN BACA BARKDULL
3848 SOUTH ECHO ROAD
P O BOX 16
ECHO

ZJAM63

UT 84024-001

16078800 00001
113776 00
FRED M BACA
P O BOX 150534
E ELY

ZJAM63

NV 89315-0534

16078800 00001
682516 00
R E BEAMON III
SUITE 470
THREE RIVERWAY
HOUSTON

ZJAM63

TX 77056-194

16078800 00001
762567 00
HAZEL ASHLEY BRACKEN
101 WESTCOTT RD 403
HOUSTON

ZJAM63

TX 77007-7030

16078800 00001
1 24570 00
CHASE OIL CORPORATION
P O BOX 1767
ARTESIA

ZJAM63

NM 88211-1767

16078800 00001
472658 00
BILLIE JEAN FAVERINO
2170 THYME DRIVE
CORONA

ZJAM63

CA 91719-7786

16078800 00001
318064 00
LYDIA B CORDOVA
6341 MAPLE STREET
SANTA FE

ZJAM63

NM 87501-7809

16125300 00001
472659 00
CHRISTOPHER FAVERINO
301 PINION
AZTEC

ZJAM63

NM 87410-1733

16078800 00001
297950 00
BARBARA REESE DINGES
6510 SHADOW CREST
HOUSTON

ZJAM63

TX 77074-6818

16125300 00001
409391 00
GLENN FAVERINO
3262 CR 334
IGNACIO

ZJAM63

CO 81137-9607

16078800 00001
114754 01
LOUIS DREYFUS NATURAL GAS CORP
REMITTANCE ADDRESS
P O BOX 960116
OKLAHOMA CITY

ZJAM63

OK 73196

16125300 00001
409393 00
LOUIS T FAVERINO
P O BOX 8
BLOOMFIELD

ZJAM63

NM 87413-0008

16125300 00001
221769 00
DUFF LEACH FAMILY TRUST
KENNETH C LEACH AND JUDITH DIANNE
DUFF LEACH CO-TRUSTEES
P O BOX 30396
ALBUQUERQUE

ZJAM63

NM 87190-0396

16125300 00001
409392 00
ROBERT FAVERINO
501 CR 4990
BLOOMFIELD

ZJAM63

NM 87413-9630

16125300 00001
917838 00
T E DUFF TRUST
TED EDWARD DUFF, TRUSTEE
P O BOX 9908
MIDLAND

ZJAM63

TX 79708-2908

16078800 00001
166616 00
ANDREA LORI GILLETT
1450 DALLAS
SUNSET

ZJAM63

UT 84075-9400

16078800 00001
127453 00
ENCAP INVESTMENTS L C
4600 GREENVILLE AVENUE, SUITE 160
DALLAS

ZJAM63

TX 75206-5036

16078800 00001
176469 00
GRIFFITH AND STONE ROYALTY
TEXAS PARTNERSHIP
114 PAMELLIA DRIVE
BELLAIRE

ZJAM63

TX 77401-3712

16078800 00001
127257 00
JAMES L FASHING IRREVOCABLE TRUST
DAVID A ROGERS TRUSTEE
4855 N MESA ST SUITE 122
EL PASO

ZJAM63

TX 79912-5989

16078800 00001
149220 00
DAVID HENDERSON
9411 WINDING RIDGE DRIVE
DALLAS

ZJAM63

TX 75238-1444

16078800 00001
684486 00
AMALIA M JAQUEZ
BOX 303
FREDERICK

ZJAM63

CO 80530-0303

16078800 00001
637874 00
EULA MAY JOHNSTON TST
NATIONSBANK OF TEXAS NA
TRUST DEPARTMENT #03 661
P O DRAWER 840738
DALLAS

ZJAM63
TX 75284-0738

16078800 00001
287367 00
CARL MCDANIEL
3360 RED ONION CIR
COLORADO SPRINGS

ZJAM63
CO 80918-1853

16078800 00001
684723 00
JAMES J JOHNSTON
P O BOX 570007
HOUSTON

ZJAM63
TX 77257-0007

16078800 00001
972800 00
MERIDIAN OIL INC
P O BOX 840656
DALLAS

ZJAM63
TX 75284-0656

16078800 00001
509925 00
V A JOHNSTON FAMILY TRUST
KATHERINE PREWITT AND
MICHAEL A CHESSER CO-TRUSTEES
P O BOX 925
DALLAS

ZJAM63
TX 79357-0925

16078800 00001
710000 01
MINERALS MANAGEMENT SERVICE
ROYALTY MANAGEMENT PROGRAM
PO BOX 5810 TA
DENVER

ZJAM63
CO 80217-5810

16078800 00001
680325 00
PATTIE BEAMON LUNDELL
1616 SOUTH VOSS #870
HOUSTON

ZJAM63
TX 77057-2626

16078800 00001
117258 00
MICHELLE D MINICA IRREVOCABLE TRUST
DAVID A ROGERS TRUSTEE
4855 N MESA ST SUITE 122
EL PASO

TX 79912-5988

16078800 00001
318060 00
STELLA MANZANARES
3230 27 STREET SW
BRIAR

ZJAM63
WA 98036-8031

16078800 00001
503452 00
LEATRICE A MORELAND
BOX 872
BLOOMFIELD

ZJAM63
NM 87413-0872

16078800 00001
268550 29
MARATHON OIL COMPANY
P O BOX 890882
DALLAS

ZJAM63
TX 75389-0882

16078800 00001
255903 00
CHESTER H AND IRMA MARIE PHELPS
TRUST
CHESTER H AND IRMA PHELPS CO-TRUSTEES
P O BOX 724
BLOOMFIELD

NM 87413-0724

16078800 00001
118683 00
ANNA MARTINEZ
P O BOX 19
IGNACIO

ZJAM63
CO 81137-0019

16078800 00001
297951 00
DAVID ELBERT REESE
2203 N BELMONT
RICHMOND

ZJAM63
TX 77469-5501

16078800 00001
318055 00
C ORDIE MARTINEZ
PO BOX 103
EAST CARBON CITY

ZJAM63
UT 84520-0103

16078800 00001
297953 00
ELIZABETH GOODWIN REESE
7800 NAIRN
HOUSTON

ZJAM63
TX 77074-5321

16078800 00001
318061 00
SADIE RIVAS
3713 162 SOUTH
SEATTLE

ZJAM63

WA 98188

16078800 00001
680713 00
H W SMITH ESTATE
GARY W HARVEY INDP EXECUTOR
300 SOUTHWEST 21 STREET
SEMINOLE

ZJAM63

TX 79360-3820

16078800 00001
318066 00
MARGARET B RODRIGUEZ
1511 ALAMEDA
SANTA FE

ZJAM63

NM 87501-1746

16078800 00001
287368 00
ROSALIE STICKLER
P O BOX 366
MONONA

ZJAM63

IA 52159-0360

16078800 00001
748996 00
ROGERS GIBBARD TRUST
ORVILLE C ROGERS, SUSAN EVELAND AND
ELAINE GIBBARD ALLMAN TRUSTEES
6804 LA COSTA
TYLER

ZJAM63

TX 75703-5750

16078800 00001
615188 03
UNION OIL COMPANY OF CALIFORNIA
ATTN REVENUE ACCOUNTING
P O BOX 841055
DALLAS

ZJAM63

TX 75284-1051

16078800 00001
127259 00
DAVID A ROGERS
4855 N MESA ST SUITE 122
EL PASO

ZJAM63

TX 79912-5989

16078800 00001
220307 00
UNITED PIPE AND SUPPLY CO INC
3622 RANCH CREEK DRIVE
AUSTIN

ZJAM63

TX 78730-370

16078800 00001
946788 00
SAN JUAN BASIN POOL LIMITED
BOX 1237
PANHANDLE

ZJAM63

TX 79068-1237

16078800 00001
220306 00
J BURTON VETETO
607 ABO
HOBBS

ZJAM63

NM 88240-340

16078800 00001
317524 00
JIM L SHARP
1020 FOXWOOD LANE
WYLIE

ZJAM63

TX 75098-5129

16078800 00001
247952 00
REBECCA ANN REESE WARD
2210 CUSTER PARKWAY
RICHARDSON

ZJAM63

TX 75080-250

16078800 00001
651243 00
SINGER BROS
DEPT 1063
TULSA

ZJAM63

OK 74182

16078800 00001
425246 00
FRANCES HOLMAN WEAVER
PO BOX 2102
EL PASO

ZJAM63

TX 79951-210

16078800 00001
904154 00
EVELYN SMITH
10448 STONE CANYON 204N
DALLAS

ZJAM63

TX 75230-4844

16078800 00001
926371 00
L DORIS WILLIAMS ESTATE
WILLIAM P TRAYLOR AND JOHN G HEARD
CO-INDEPENDENT EXECUTORS
PO BOX 8306
HOUSTON

ZJAM63

TX 77288-830

16078800 00001

ZJAM63

339952 00

R M WILLIAMS

408 E ALTO

HOBBS

NM 88240-4002

16078800 00001

ZJAM63

753523 00

CAROL A ZAHARA

14926-81 B AVE

SURREY, BC, CAN, V3S 7V6

OFFSET OPERATORS
Baca Gas Com A #1A

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