

DATE IN 11/5/08	SUSPENSE 11/9/08	ENGINEER W Jones	LOGGED IN 11/6/08	TYPE DHC	APP NO. PKVR0831144176
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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 - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [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

- [D] Other: Specify _____

[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] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Cherry Hlava
 Print or Type Name

Cherry Hlava
 Signature

Regulatory Analyst 10/20/2008

Title Date

hlavacl@bp.com

e-mail Address

RECEIVED
 2008 NOV 5 PM 1 41

District II
1301 W. Grand Avenue, Artesia, NM 88210

Oil Conservation Division
1220 South St. Francis Dr.

APPLICATION TYPE
X Single

District III
Well
1000 Rio Brazos Road, Aztec, NM 87410

Santa Fe, New Mexico 87505

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

<u>X</u>	Yes	No
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BP America Production Company

P.O. Box 3092 Houston Tx 77253

Operator

Address

Lease **Riddle Com** Well No. **9** Unit Letter-Section-Township-Range Unit B Section 29 T28N, R08W County **San Juan**

OGRID No. **000778** Property Code **000980** API No. **30-045-25017** Lease Type: **X** Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	Basin Dakota
Pool Code	82329	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	To Be Determined	3736' – 4552'	6339 – 6617'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	430	425	590
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1265	1268	1270
Producing, Shut-In or New Zone	New Zone	Producing	Producing
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.)	Date: Rates: Subtraction Method	Date: Rates Decline	Date: Rates Decline
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes _____ No X
 If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? **October 20, 2008** Yes X No _____

Are all produced fluids from all commingled zones compatible with each other? Yes X No

Will commingling decrease the value of production? Yes No X

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes X No _____

NMOCD Reference Case No. applicable to this well: _____

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 working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 20/20/2008

TYPE OR PRINT NAME Cherry Hlava TELEPHONE NO. (281) 366-4081

E-MAIL ADDRESS hlavacl@bp.com

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division**1220 S. St Francis Dr.****Santa Fe, NM 87505**

Form C-102
Permit 24484

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 20-045-25017	2. Pool Code 82329	3. Pool Name OTERO CHACRA (GAS)
4. Property Code 980	5. Property Name RIDDLE COM	6. Well No. 009
7. OGRID No. 778	8. Operator Name BP AMERICA PRODUCTION COMPANY	9. Elevation

10. Surface Location

UL - Lot L	Section 17	Township 28N	Range 08W	Lot Idn	Feet From 1730	N/S Line S	Feet From 1050	E/W Line W	County SAN JUAN
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 160.00		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

	OPERATOR CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> E-Signed By: <i>Cherry L. Moore</i> Title: <i>Regulatory Analyst</i> Date: <i>10-20-08</i>	
	SURVEYOR CERTIFICATION	
	<i>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.</i> Surveyed By: Kerr Date of Survey: 8/8/1980 Certificate Number: 3950	

30-045-25017

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

Operator TENNECO OIL COMPANY			Lease RIDDLE COM		Well No. 9
Unit Letter L	Section 17	Township 28N	Range 8W	County San Juan	
Actual Footage Location of Well: 1730 feet from the South line and 1050 feet from the West line					
Ground Level Elev. 5724	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320 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 Communitization

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 Commission.

CERTIFICATION

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

Name

Ken Russell

Position

Sr. Production Analyst

Company

Tenneco Oil E&P

Date

August 24, 1982

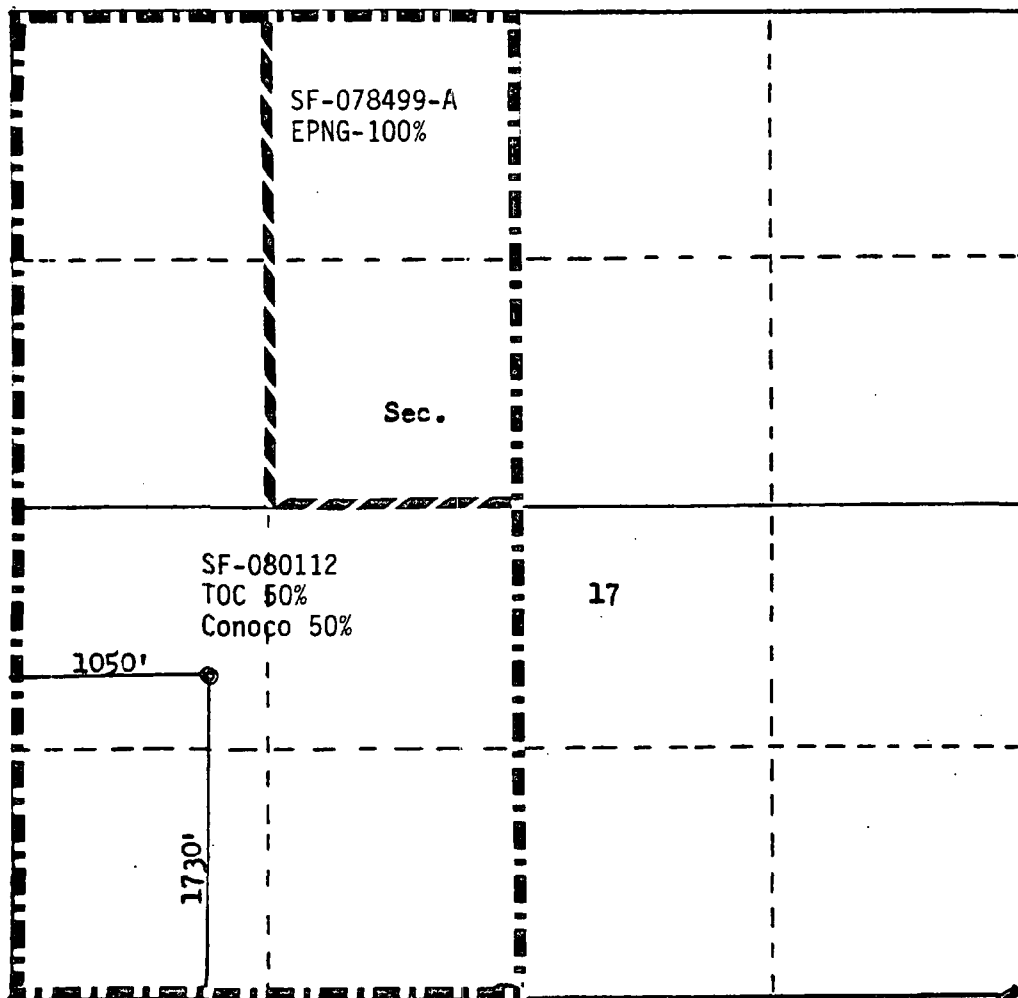
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

February 9, 1981

Registered Professional Engineer and Land Surveyor

[Signature]
R. B. Kerr Jr.
REGISTERED LAND SURVEYOR
3950



Scale: 1"=1000'

District I
PO Box 150, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Bravo Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED
36 JUN 30 AM 11:15 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-045-25017	' Pool Code 72319	' Pool Name Blanco Mesaverde
' Property Code 980	' Property Name Riddle Com	' Well Number 9
' OGRID No. 000778	' Operator Name Amoco Production Company	' Elevation 5724'

10 Surface Location

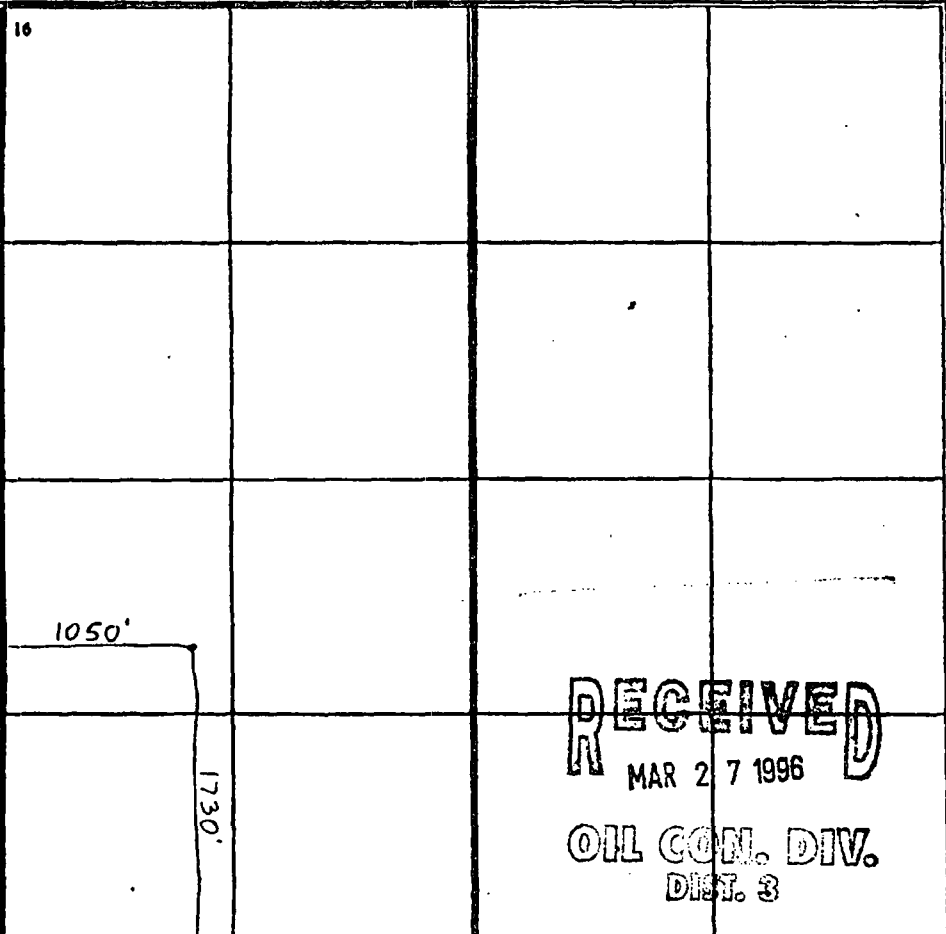
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	17	28N	8W		1730	South	1050	West	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

" Dedicated Acres 320	" Joint or Infill	" Consolidation Code	" Order No.
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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. Signature <u>Patty Haebele</u> Patty Haeefe Printed Name Staff Assistant Title 1/24/96 Date

RECEIVED
MAR 27 1996

OIL CON. DIV.
DIST. 3

Riddle Com 9									
MesaVerde Formation									
API #	3004525017								
Starting 1/05 thru 11/16									
Exponential Decline									
Qi =	169.6	mcf/d	1-Jan-2008						
Qf =	75.0	mcf/d							
D =	8.75%	per year							
Starting 11/16 thru 8/40									
Exponential Decline									
Qi =	75.0	mcf/d	16-Nov-2016						
Qf =	8.0	mcf/d							
D =	9.00%	per year							
		Mesaverde Forecast MCF/D							
Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	
Jan-08	124.58	3.86	Dec-10	129.44	4.01	Nov-13	99.12	2.97	
Feb-08	169.90	4.93	Jan-11	128.44	3.98	Dec-13	98.36	3.05	
Mar-08	172.45	5.35	Feb-11	127.49	3.57	Jan-14	97.60	3.03	
Apr-08	108.43	3.25	Mar-11	126.55	3.92	Feb-14	96.88	2.71	
May-08	121.19	3.76	Apr-11	125.59	3.77	Mar-14	96.17	2.98	
Jun-08	162.30	4.87	May-11	124.63	3.86	Apr-14	95.43	2.86	
Jul-08	161.07	4.99	Jun-11	123.68	3.71	May-14	94.71	2.94	
Aug-08	159.82	4.95	Jul-11	122.74	3.81	Jun-14	93.99	2.82	
Sep-08	158.61	4.76	Aug-11	121.79	3.78	Jul-14	93.27	2.89	
Oct-08	157.40	4.88	Sep-11	120.86	3.63	Aug-14	92.55	2.87	
Nov-08	156.21	4.69	Oct-11	119.94	3.72	Sep-14	91.84	2.76	
Dec-08	155.02	4.81	Nov-11	119.03	3.57	Oct-14	91.14	2.83	
Jan-09	154.24	4.78	Dec-11	118.12	3.66	Nov-14	90.45	2.71	
Feb-09	153.11	4.29	Jan-12	116.89	3.62	Dec-14	89.76	2.78	
Mar-09	151.98	4.71	Feb-12	116.01	3.36	Jan-15	89.06	2.76	
Apr-09	150.82	4.53	Mar-12	115.15	3.57	Feb-15	88.41	2.48	
May-09	149.67	4.64	Apr-12	114.27	3.43	Mar-15	87.76	2.72	
Jun-09	148.53	4.46	May-12	113.40	3.52	Apr-15	87.09	2.61	
Jul-09	147.40	4.57	Jun-12	112.54	3.38	May-15	86.42	2.68	
Aug-09	146.26	4.53	Jul-12	111.69	3.46	Jun-15	85.77	2.57	
Sep-09	145.14	4.35	Aug-12	110.82	3.44	Jul-15	85.11	2.64	
Oct-09	144.04	4.47	Sep-12	109.98	3.30	Aug-15	84.45	2.62	
Nov-09	142.94	4.29	Oct-12	109.15	3.38	Sep-15	83.81	2.51	
Dec-09	141.85	4.40	Nov-12	108.32	3.25	Oct-15	83.17	2.58	
Jan-10	140.75	4.36	Dec-12	107.49	3.33	Nov-15	82.54	2.48	
Feb-10	139.71	3.91	Jan-13	106.96	3.32	Dec-15	81.91	2.54	
Mar-10	138.68	4.30	Feb-13	106.17	2.97	Jan-16	81.05	2.51	
Apr-10	137.63	4.13	Mar-13	105.38	3.27	Feb-16	80.45	2.33	
May-10	136.58	4.23	Apr-13	104.58	3.14	Mar-16	79.85	2.48	
Jun-10	135.54	4.07	May-13	103.78	3.22	Apr-16	79.24	2.38	
Jul-10	134.51	4.17	Jun-13	102.99	3.09	May-16	78.64	2.44	
Aug-10	133.46	4.14	Jul-13	102.21	3.17	Jun-16	78.04	2.34	
Sep-10	132.45	3.97	Aug-13	101.42	3.14	Jul-16	77.45	2.40	
Oct-10	131.44	4.08	Sep-13	100.65	3.02	Aug-16	76.85	2.38	
Nov-10	130.44	3.91	Oct-13	99.88	3.10	Sep-16	76.26	2.29	

[illegible]

Notification sent 10-20-08
30-045-25017

ANNA CELIA HOWELL HILTON
3120 BAY ST
GULF BREEZE, FL 32563

APCO MINERALS LTD
PO BOX 459
CORPUS CHRISTI, TX 78403-0459

BEN HOWELL LANGFORD
C/O EDI FINANCIAL INC
814 E WYOMING AVE
EL PASO, TX 79902

BETSY BRYANT
2201 BROOKHOLLOW
ABILENE, TX 79605-5507

BONANZA CREEK MINERALS LLC
ATTN: RICHARD HUGHES MANAGER
2321 CANDELARIA NW
ALBUQUERQUE, NM 87107

BRIAN D GIBSON
66 C ARROYO HONDO TRAIL
SANTA FE, NM 87508

BURLINGTON RESOURCES OIL AND GAS CO
22295 NETWORK PLACE
CHICAGO, IL 60673-1222

ELIZABETH H LUND ROYALTY TRUST
BARBARA LUND TRUSTEE
10939 ALADDIN DRIVE
DALLAS, TX 75229

ELIZABETH H WHITE, FAMILY TRUST
LINDA PAYNE, TRUSTEE
PO BOX 780099
DALLAS, TX 75378-0099

EMILIE M HARDIE, ROYALTY TRUST
EMILIE M HARDIE TRUSTEE
1065 LOS JARDINES
EL PASO, TX 79912-1942

EMILY D GRAMBLING
916 CHERRY HILL LN
EL PASO, TX 79912-3327

FOUR STAR OIL AND GAS
PO BOX 845896
DALLAS, TX 75284-5896

GIBSON FAMILY TRUST
JAFFA D WAHLBERT &
GEORGE ANNE SCHARHAG CO-TRUSTEES
P O BOX 546
TESUQUE, NM 87574

GREAT HERITAGE PROPERTY LLC
2801 N W 57TH STREET
OKLAHOMA CITY, OK 73112

GURDON RANSON MILLER III
704 CANYON CREST
SIERRA MADRE, CA 91024

HANSON MCBRIDE PETROLEUM COMPANY
PO BOX 1515
ROSWELL, NM 88202-1515

HARRIET M BUCHENAU, LIVING TRUST
U/A/DATED 8-30-1994
HARRIET M BUCHENAU TRUSTEE
PO BOX 867585
PLANO, TX 75086-7585

HOWELL GRANDCHILDRENS TRUST ESTATE
CHASE BANK OF TX NATL ASSOC
TRUSTEE
PO BOX 200486
HOUSTON, TX 77216-0486

HOWELL TRUST ESTATE
JPMORGAN CHASE BANK NA
PO BOX 99084
FORT WORTH, TX 76199-0084

JOHN A GRAMBLING
916 CHERRY HILL LN
EL PASO, TX 79912-3327

JOSEPH C JASTRZEMBSKI
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MINOT, ND 58703-2426

MABEL GLENN HAM, REVOCABLE TRUST
KATHLYN NORA BLACK TRUSTEE
PO BOX 15040
SANTA FE, NM 87592

MABELLE H SOWERS, ROYALTY TRUST
MABELLE BRAMHALL TRUSTEE
5026 AUGUSTA CIR
COLLEGE STATION, TX 77845-8983

MARILYN A MCGEE
PO BOX 551245
JACKSONVILLE, FL 32255-1245

MARY ELIZABETH HARDIE ROYALTY TR
THORNTON HARDIE III TRUSTEE
3904 MARQUETTE STREET
DALLAS, TX 75225

MAX DON SHIELDS
PO BOX 35927
DALLAS, TX 75235-9998

MINERALS MANAGEMENT SERVICE
PO BOX 5810 TA
DENVER, CO 80217-5810

MITZI EASLEY
1203 ARRONIMIMK CIRCLE
AUSTIN, TX 78746

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CHARLOTTESVILLE, VA 22901

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ROSWELL, NM 88202-2035

PAULA JILL SHIELDS PURTEE
PO BOX 2069
TAOS, NM 87571-2069

R H FEUILLE
1021 BROADMOOR
EL PASO, TX 79912-2003

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WINFIELD, KS 67156

RICHARD H GODFREY , REVOCABLE TRUST
RICHARD H GODFREY JR SUCCESSOR
TRUS
PO BOX 18661
OKLAHOMA CITY, OK 73154-0661

RICHARD PARKER LANGFORD
6513 TARASCAS DR
EL PASO, TX 79912

SARAH S MIMS , TRUST
WILLIAM L MADSEN AND SARAH S MIMS
COTRUSTEES
PO BOX 111846
CARROLLTON, TX 75011-1846

SDF LLC
C/O SAMUEL LIONEL DAZZO JR
13515 PINO CANYON PLACE NE
ALBUQUERQUE, NM 87111

SUSAN D HORTON
5039 SENECA DR
DALLAS, TX 75209

SUSAN RITTER
4700 VIA MEDIA
AUSTIN, TX 78746

WILLIAM B HARDIE , SR ROYALTY TRUST
JANE HARDIE TRUSTEE
1065 LOS JARDINES
EL PASO, TX 79912-1942

XTO ENERGY INC
PO BOX 730586
DALLAS, TX 75373-0586

XTO ENERGY INC
JP MORGAN CHASE DALLAS
PO BOX 730586
DALLAS, TX 75373-0586