

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

XTO Energy Inc.

## 3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

## 3b. Phone No. (include area code)

364-1090

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2,175' FSL &amp; 845' FWL, UL L, Sec 33, T28N, R10W

## 5. Lease Serial No.

SF 046563

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

## 8. Well Name and No.

Kutz Federal #16

## 9. API Well No.

30-045-33038

## 10. Field and Pool, or Exploratory Area

Basin DK/Basin MA/  
Otero Chacra

## 11. County or Parish, State

San Juan NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other DownholeTrim mangle

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy, Inc. requests approval for an exception to NMOCD Rule 303-C to permit DH Trim mingling production from the Basin Dakota, Basin Mancos & Otero Charca in the Kutz Federal #16. XTO Energy Inc. proposes to downhole trim mangle thses pools upon completion of this well.

Allocations are based upon a 9-section EUR and are caculated as follows:

Basin Dakota	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
Otero Chacra	Gas 10%	Oil 0%

Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13th, 2005. The NMOCD has been notified of our intent by submission of a C-103. Downhole Trim mingling will offer an economical method of production while protecting against reservoir damage, waste of reserves & violation of correlative rights.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Melissa M Osborne

Title

REGULATORY COMPLIANCE TECH

Date 07/13/2005

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
1301 W. Grand Avenue, Artesia, NM 88210  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised June 10, 2003  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-33038	<sup>2</sup> Pool Code 71559/97232/82329	<sup>3</sup> Pool Name Basin Dakota/Basin Mancos/Otero Chacra
<sup>4</sup> Property Code 22756	<sup>5</sup> Property Name Kutz Federal	<sup>6</sup> Well Number 16
<sup>7</sup> OGRID No. 167037	<sup>8</sup> Operator Name XTO Energy Inc.	<sup>9</sup> Elevation 6083' GL

<sup>10</sup> Surface Location

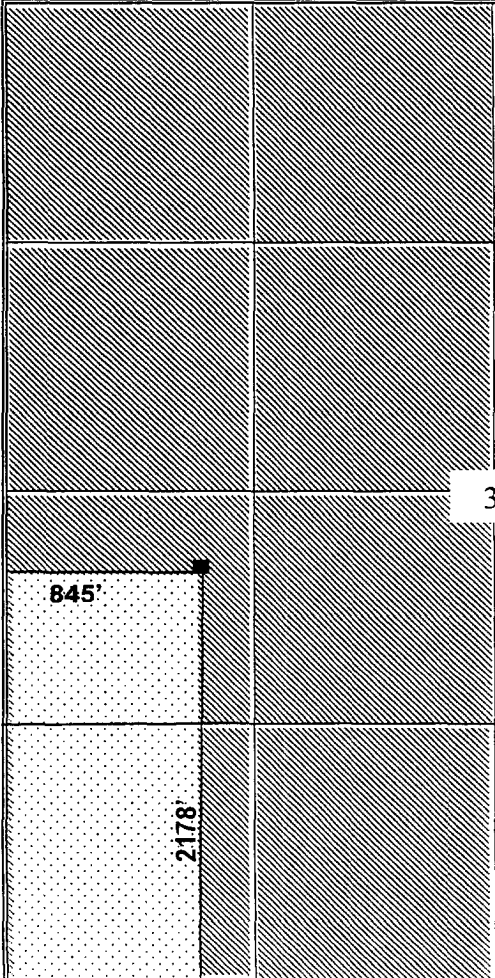
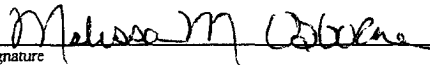
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	33	28N	10W		2175'	South	845'	West	San Juan

<sup>11</sup> 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
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<sup>12</sup> Dedicated Acres DK W/2 320 ac MA/CH SW/4 160 ac	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Melissa M. Osborne Printed Name Regulatory Compliance Tech Title and E-mail Address April 20th, 2004 Date
	<sup>18</sup> 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> August 30th, 2004 Date of Survey Signature and Seal of Professional Surveyor:  John A. Vukonch Certificate Number 14831

## **Kutz Federal #16**

BLM  
1235 La Plata Hwy, Ste A  
Farmington, NM 87401

Miriam I. Findley  
6511 North County Road #3  
Fostoria, OH 44830

B.B.L., Ltd.  
P.O. Box 911  
Breckenridge, TX 76424-0911

William L. Floyd, Jr.  
16 East 77th Street Apt. 5A  
New York, NY 10021

Rita Treasa Floyd  
C/O Comerica Bank -TX Trustee  
Attn: John W. Lowrie  
P.O. Box 4167 (Mail Code 6605)  
Houston, TX 77210-4167

Leon M. Ducharme Marital Trust  
Rita Mae Ducharme & Joyce J.  
Neville, Co-Trustees  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Rita Mae Ducharme  
2617 S. Wadsworth Circle  
Lakewood, CO 80227-3220

Comstock Oil & Gas, Inc.  
5300 Town & Country Blvd. #500  
Frisco, TX 75034

TCW DR II Royalty Partnership  
865 South Figueroa St #1800  
Los Angeles, CA 90017

Mathias Family Trust 9/9/81  
Barbara J. Mathias & Carol J.  
Hopper Co-Trustees  
3233 Spring Lane

FEDERAL A	1 BP AMERICA PRODUCTION COMPANY	32 K	28N 10W GALLUP	7	158	0	7	158
KUTZ DEEP GAS COM D	1E XTO ENERGY INCORPORATED	27 I	28N 10W CHACRA	0	100	3	0	369
KUTZ FEDERAL C	1 XTO ENERGY INCORPORATED	27 G	28N 10W CHACRA	0	193	1	0	310
Average							0	340
MARTIN C FEDERAL	1 XTO ENERGY INCORPORATED	3	27N 10W DAKOTA	88	5,316	3	88	5,736
MARTIN C FEDERAL	1E XTO ENERGY INCORPORATED	3 P	27N 10W DAKOTA	0	83	1	2	888
R P HARGRAVE J	1 XTO ENERGY INCORPORATED	3 N	27N 10W DAKOTA	64	3,068	4	64	3,383
R P HARGRAVE J	1E XTO ENERGY INCORPORATED	3 F	27N 10W DAKOTA	8	1,073	14	9	1,540
HARGRAVE FEDERAL	1 TENNECO OIL COMPANY	4 C	27N 10W DAKOTA	26	1,076	0	26	1,076
FEDERAL F	2 XTO ENERGY INCORPORATED	4 H	27N 10W DAKOTA	85	5,887	4	85	6,707
FEDERAL F	2E XTO ENERGY INCORPORATED	4 O	27N 10W DAKOTA	1	174	2	3	653
R P HARGRAVE L	1 XTO ENERGY INCORPORATED	4 M	27N 10W DAKOTA	30	2,738	2	30	3,193
R P HARGRAVE L	1E XTO ENERGY INCORPORATED	4	27N 10W DAKOTA	7	1,014	3	8	1,355
C A MCADAMS C	1 XTO ENERGY INCORPORATED	5 P	27N 10W DAKOTA	34	2,214	3	35	2,559
C A MCADAMS C	2 XTO ENERGY INCORPORATED	5 K	27N 10W DAKOTA	19	2,554	4	3	597
C A MCADAMS C	1E XTO ENERGY INCORPORATED	5	27N 10W DAKOTA	10	1,143	3	11	1,383
C A MCADAMS C	2E XTO ENERGY INCORPORATED	5 F	27N 10W DAKOTA	8	830	4	10	1,013
FEDERAL GAS COM	2 XTO ENERGY INCORPORATED	27 M	28N 10W DAKOTA	99	8,636	8	99	9,565
FEDERAL GAS COM	2E XTO ENERGY INCORPORATED	27 F	28N 10W DAKOTA	0	119	6	0	459
KUTZ DEEP GAS COM D	1 XTO ENERGY INCORPORATED	27 A	28N 10W DAKOTA	47	3,662	2	47	3,988
KUTZ DEEP GAS COM D	1E XTO ENERGY INCORPORATED	27 I	28N 10W DAKOTA	4	601	2	5	671
DAVIDSON GAS COM F	1 XTO ENERGY INCORPORATED	28 M	28N 10W DAKOTA	46	3,502	2	47	3,853
DAVIDSON GAS COM F	1E XTO ENERGY INCORPORATED	28 F	28N 10W DAKOTA	6	919	1	6	1,255
FEDERAL GAS COM	1 XTO ENERGY INCORPORATED	28 A	28N 10W DAKOTA	44	4,259	4	46	4,633
FEDERAL GAS COM	1E XTO ENERGY INCORPORATED	28 J	28N 10W DAKOTA	1	252	7	3	920
HUBBELL A	1 BURLINGTON RESOURCES O&G CO LP	29 B	28N 10W DAKOTA	33	4,178	1	34	4,250
HUBBELL A	1E BURLINGTON RESOURCES O&G CO LP	29 F	28N 10W DAKOTA	8	903	1	9	1,119
HUBBELL GAS COM C	1 XTO ENERGY INCORPORATED	29 N	28N 10W DAKOTA	48	5,423	2	49	5,863
HUBBELL GAS COM C	1E XTO ENERGY INCORPORATED	29 I	28N 10W DAKOTA	11	1,411	3	13	1,798
FEDERAL A	1 XTO ENERGY INCORPORATED	32 K	28N 10W DAKOTA	42	4,662	3	43	5,028
FEDERAL A	1E XTO ENERGY INCORPORATED	32 E	28N 10W DAKOTA	0	227	2	1	689
FRED FEASEL L	1 XTO ENERGY INCORPORATED	32 H	28N 10W DAKOTA	48	4,945	4	50	5,341
FRED FEASEL L	1E XTO ENERGY INCORPORATED	32 I	28N 10W DAKOTA	6	1,115	4	8	1,575
FRED FEASEL H	1 XTO ENERGY INCORPORATED	33 H	28N 10W DAKOTA	37	3,874	4	39	4,149
FRED FEASEL H	1E XTO ENERGY INCORPORATED	33 O	28N 10W DAKOTA	8	1,172	8	9	1,532
KUTZ FEDERAL	13 XTO ENERGY INCORPORATED	33 K	28N 10W DAKOTA	27	2,713	1	26	2,715
KUTZ FEDERAL	13E XTO ENERGY INCORPORATED	33 C	28N 10W DAKOTA	0	139	6	4	843
MCLEOD	2E CONOCO INCORPORATED	34 E	28N 10W DAKOTA	2	467	143	2	467
MCLEOD	2 CONOCOPHILLIPS COMPANY	34 L	28N 10W DAKOTA	85	6,686	18	87	7,209
FRED FEASEL J	1 XTO ENERGY INCORPORATED	34 G	28N 10W DAKOTA	76	4,260	3	76	4,607
FRED FEASEL J	1E XTO ENERGY INCORPORATED	34 O	28N 10W DAKOTA	8	1,014	4	8	1,272
Average							29	2,808

Allocation:	Oil	Gas
Chacra	0%	10%
Gallup/Mancos	19%	5%
Dakota	81%	85%

Falls Church, VA 22041-2607

Virginia L. Mullin  
2500 Cherry Creek S Drive Apt. 504  
Denver, CO 80209

Bernard Hyde Dr Living Trust  
Dated 4-6-88  
Bernard Hyde Dr Trustee  
28242 Yanez  
Mission Viejo, CA 92692-1836

Richard P. Shooshan  
686 E Union Street  
Pasadena, CA 91101-1820



2700 Farmington Ave, K-1 Farmington, NM 87401

Phone: (505) 324-1090 FAX: (505) 564-6700

July 13, 2005

RE: Notice of Intent to Apply for Downhole Commingling

Kutz Federal #16

L Sec 33, T28N, R10W; 2,175' FSL & 845' FWL

San Juan County, NM

To: All working interest, royalty interest and overriding royalty interest owners.

XTO Energy Inc. is applying for permission to downhole trim mingle the Basin Dakota (71599), Basin Mancos (97232) and the Otero Chacra (82329) pools in the Kutz Federal #16. We propose to downhole trim mingle production from these pools after this well is drilled and upon approval from the NMOCD. NMOCD requires all interest owners be notified of intent to downhole trim mingle if ownership is different between pools.

Based upon the 9-section EUR's for the Basin Dakota, Basin Mancos and Otero Chacra, XTO Energy Inc. proposes allocation of trim mingled production as follows:

Pool	Oil	Gas
Basin Dakota	81%	85%
Basin Mancos	19%	5%
Otero Chacra	0%	10%

If you need additional information or have any questions, I may be contacted at (505) 566-7925. If you are opposed to trim mingling production from these pools please respond in writing within 20 days of the date of this letter to XTO Energy Inc., 2700 Farmington Avenue, Suite K-1, Farmington, NM 87401.

Sincerely,

A handwritten signature in cursive script that reads 'Melissa M Osborne'.

Melissa M Osborne  
Regulatory Compliance Tech

xc: Well File  
FW Land Dept.



---

2700 Farmington Ave, K-1 Farmington, NM 87401  
Phone: (505) 324-1090 FAX: (505) 564-6700

July 13, 2005

Mr. Will Jones  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Subject: Application for Downhole Commingle  
Kutz Federal #16  
Unit L Sec 33-T28N- R10W; 30-045-33038  
Basin Dakota/Basin Mancos/Otero Chacra  
SF046563; San Juan, NM

Dear Mr. Jones:

Enclosed please find an administrative application form (C107A) and attachments for downhole trim mingling for the captioned well. All Working interest, net royalty interest and overriding royalty interest owners have been notified by certified, return receipt mail on July 13, 2005 of XTO Energy Inc. plans to downhole trim mingle the Kutz Federal #16. Trim mingling of zones will not reduce the recovery of these pools, but will improve recovery of liquids, thus eliminating redundant surface equipment. Waste will not result and correlative rights will not be violated. Notice of our intent has been filed with the BLM on form 3160-5.

Any questions pertaining to this matter, please call me at (505) 566-7925.

Sincerely,

A handwritten signature in black ink, appearing to read 'Melissa M. Osborne', is written over a horizontal line.

Melissa M. Osborne  
Regulatory Compliance Tech

xc: Wellfile  
OCD, Aztec Office  
BLM, Farmington

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-045-33038
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. SF046563
7. Lease Name or Unit Agreement Name Kutz Federal
8. Well Number #16
9. OGRID Number 167067
10. Pool name or Wildcat Basin DK/Basin Mancos/Otero CH

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
XTO ENERGY INC.

3. Address of Operator  
2700 FARMINGTON AVE, SUITE K-1, FARMINGTON, NM 87401

4. Well Location

Unit Letter L : 2175' feet from the South line and 845' feet from the West line  
Section 33 Township 28N Range 10W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6083' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: Downhole Commingle ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc. requests approval for an exception to Rule 303-C to permit DH trim mingle of Production from the Basin Dakota (71599), Basin Mancos (97232) & Otero Chacra (82329) in Kutz Federal #16.. XTO Energy, Inc plans to downhole trim mingle these pools upon completion of this well.

Allocations are based upon a 9 section EUR and are calculated as follows:

Basin Dakota:	Gas 85%	Oil 81%
Basin Mancos	Gas 5%	Oil 19%
Otero Chacra	Gas 10%	Oil 0%

Working interest, net royalty interest and overriding interest owners have been notified by certified, return receipt mail on July 13<sup>th</sup>, 2005. The BLM has been notified with form 3160-5 of our intent to DH Trim mingling. Downhole trim mingle will offer an economical method of production while protecting against reservoir damage, waste of reserves and violation of correlative rights.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Melissa M Osborne TITLE Regulatory Compliance Tech DATE 07/13/2005  
Type or print name Melissa M Osborne E-mail address: Regulatory@xtoenergy.com Telephone No. 505-566-7925  
**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any): \_\_\_\_\_



**District I**  
1625 N. French Drive, Hobbs, NM 88240

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

**Oil Conservation Division**

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☐ Yes ☒ No

**APPLICATION FOR DOWNHOLE COMMINGLING**

XTO Energy Inc.

2700 Farmington Ave, Suite K-1

Farmington, NM 87401

Operator	#16	Address	San Juan County
Kutz Federal		L Sec 33, T28N-R10W	

Lease	Well No.	Unit Letter-Section-Township-Range	County
OGRID No. 167037	Property Code 22756	API No 30-045-33038	Lease Type <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Fee

DATA ELEMENT	UPPER ZONE		INTERMEDIATE ZONE		LOWER ZONE	
Pool Name	Otero Chacra		Basin Mancos		Basin Dakota	
Pool Code	82329		97232		71599	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2,180'		4,340'		6,419'	
	2,945'		4,707'		6,679'	
Method of Production (Flowing or 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)						
Oil Gravity or Gas BTU (Degree API or Gas BTU)						
Producing, Shut-In or New Zone	New Zone		New Zone		New Zone	
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:		Date: Rates		Date: Rates:	
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
	0%	10%	19%	5%	81%	85%