

11. May 07

W Jones

14. May 07

DHC

pCLP0713437638

RECEIVED - ENGINEERING DIVISION

## 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 processing 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.

Signature

Title

Date

General Address

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 and Natural Resources

Oil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE  
\_\_\_\_ Single Well  
\_\_\_\_ Establish Pre-Approved Pools  
EXISTING WELLBORE  
\_\_\_\_ Yes \_\_\_\_ No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator XTO Energy Inc. Address 2700 Farmington Ave., Bldg.K, Ste 1 Farmington, NM 87401

Lease OHIO GOVT Well No. 2F Unit Letter-Section-Township-Range K 15 28N 11W County SAN JUAN

OGRID No. 5380 Property Code 30332 API No. 30-045-34069 Lease Type: X Federal \_\_\_\_ State \_\_\_\_ Fee \_\_\_\_

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT BASIN MANCOS	BASIN DAKOTA	
Pool Code	97232	71599	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5126' - 5469'	5999' - 6174'	
Method of Production (Flowing or Artificial Life)	FLOWING	FLOWING	
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)	NEW DRILL	NEW DRILL	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	NEW DRILL	NEW DRILL	
Producing, Shut-In or New Zone	NEW DRILL	NEW DRILL	
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: NEW DRILL Rates: 40 MCFD	Date: NEW DRILL Rates: 166 MCFD	Date: Rates:
	Date: NEW DRILL Rates: 110 BOD	Date: NEW DRILL Rates: 50 BOD	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: 66 % Gas: 23 %	Oil: 34 % Gas: 77 %	Oil: % Gas: %

Are all working, overriding, and royalty interests identical in all commingled zones? Yes X No \_\_\_\_  
If not, have all working, overriding, and royalty interests been notified by certified mail? Yes \_\_\_\_ No X  
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 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.

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 Lorri D. Bingham TITLE REG COMPLIANCE TECH DATE 5/4/07

TYPE OR PRINT NAME LORRI D. BINGHAM TELEPHONE NO. ( 505 ) 324-1090

E-MAIL Lorri.bingham@xtoenergy.com

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)

505-324-1090

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

1810' FSL &amp; 2155' FWL SEC 15K-T28N-R11W

## 5. Lease Serial No.

NMNM-020498

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

OHIO GOVT #2F

## 9. API Well No.

30-045-34069

## 10. Field and Pool, or Exploratory Area

BASIN DAKOTA/  
WILDCAT BASIN MANCOS

## 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

## TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ 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 DOWNHOLECOMMINGLING

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 exception to Rule 303-C to permit downhole commingling of production from the Basin Dakota (71599) and the Wildcat Basin Mancos (97232) upon completion of this well. Please see attachments for explanation of allocations that are calculated as follows:

Mancos:	Gas	23%	Oil	66%	Water	18%
Dakota:	Gas	77%	Oil	34%	Water	82%

Pools are not included in the NMOC pre-approved pool combinations for DHC in the San Juan Basin; therefore, they have been notified by form C107-A. Ownership is common in both zones; therefore, notification of owners was not necessary. Downhole commingling 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)

LORRI D. BINGHAM

Title

REGULATORY COMPLIANCE TECH

Date 5/4/07

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.

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

**District II**  
811 South First, Artesia, NM 88210

**District III**  
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**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 October 12, 2005  
Submitted to Appropriate District Office  
Fee Lease - 3 Copies  
State Lease - 4 Copies

RECEIVED  
210 F&T

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-34069		<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name WILDCAT BASIN MANCOS
<sup>4</sup> Property Code	<sup>5</sup> Property Name OHIO GOVT		<sup>6</sup> Well Number 2F
<sup>7</sup> GRID No. 167067	<sup>8</sup> Operator Name XTO Energy, Inc.		<sup>9</sup> Elevation 5550'

<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
K	15	28N	11W		1810'	SOUTH	2155'	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

<sup>12</sup> Dedicated Acres MC: 160 acres	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

	<p>Lat: 36.659999N (NAD 83) Long: 107.99284W (NAD 83) Lat: 36.659972N (NAD 27) Long: 107.992222W (NAD 27)</p>	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true & complete to the best of my knowledge & belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
		Signature <i>Holly C. Perkins</i>
		Printed Name Holly C. Perkins
		Title Regulatory Compliance Tech
		Date 4/13/2007
		<sup>18</sup> 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 & correct to the best of my belief.
		Date of Survey 4/3/2006
		Original Survey Signed By: John A. Vukovich
		Certificate Number 14831

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1220 South 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 1-101  
Revised October 11, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Lease - 3 Copies

RECEIVED ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION

<sup>1</sup> API Number	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code	<sup>5</sup> Property Name OHIO GOVT.	<sup>6</sup> Well Number 2F
<sup>7</sup> GRID No. 5380	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 5550

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
K	15	28-N	11-W		1810	SOUTH	2155	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idh	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres 312 320			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

FD. 3 1/4" B.C. 1913 U.S.G.L.O.						17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature: Kelly K Small Date: 7/27/06 Printed Name: Kelly K Small	
N 00-04-51 E 5229.95' (M)		15		LAT: 36.65899° N. (NAD 83) LONG: 107.99284° W. (NAD 83) LAT: 36°39'35.9" N. (NAD 27) LONG: 107°59'32.0" W. (NAD 27)		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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: APRIL 3, 2006 Signature: JONAS WILSON Surveyor: JONAS WILSON NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 14831 Certificate Number: 14831	
FD. 3 1/4" B.C. 1913 U.S.G.L.O.		S 89-53-08 E 5286.65 (M)		FD. 3 1/4" B.C. 1913 U.S.G.L.O.			

**Ohio Govt #2F**  
**DHC Application**

The proposed gas and oil production allocation percentages are based on estimated average ultimate recovery per well of the 18 Dakota wells and 19 Mancos wells in the NE area of T28N R11W, which are around the current well location. Water allocation is based on average cumulative water production per well. Please see attached Dakota and Mancos E.U.R. analysis.

Proposed Allocation Percentages:

Pool	Oil	Water	Gas
Mancos	66%	18%	23%
Dakota	34%	82%	77%

Basin Dakota Pool (Per well avg. est. ultimate gas and oil recovery and cum water prod.)

BO	BW	MMCF
6,254	2,512	992,683

Wildcat Basin Mancos Pool (Per well avg. est. ultimate gas and oil recovery and cum water prod.)

BO	BW	MMCF
12,369	549	297,504

Dakota and Gallup wells in NE of T28N R11W

API	LEASE NAME	NO.	RESERVOIR	SEC	LOCATION	FIELD	OPERATOR	1st PROD	LAST PROD	CUM OIL	REM OIL	CUM GAS	REM GAS	CUM WATER	EUR OIL	EUR GAS
30045238190000	PIPKIN, EH	6E	DAKOTA	36	28 N 11 W	BASIN	XTO ENERGY	19800131	20070201	10,137	347	1,854,239	441,798	4,791	10,484	2,296,037
30045237510000	AZTEC	8E	DAKOTA	14	28 N 11 W	BASIN	BURLINGTON RESOU	19800601	20061101	3,255	0	955,149	129,110	1,151	3,255	1,084,259
30045243760000	PIPKIN, EH	5E	DAKOTA	36	28 N 11 W	BASIN	XTO ENERGY	19800831	20070201	5,656	347	716,513	175,005	2,986	6,003	891,518
30045244060000	OHIO	1E	DAKOTA	22	28 N 11 W	BASIN	CONOCOPHILLIPS CO	19810401	20061101	11,795	2,432	1,158,563	285,958	4,107	14,227	1,444,521
30045244070000	PHILLIPS	2E	DAKOTA	22	28 N 11 W	BASIN	CONOCOPHILLIPS CO	19810401	20061101	11,339	347	970,414	119,023	10,251	10,699	1,089,442
30045243500000	OHIO C GOVT	26E	DAKOTA	25	28 N 11 W	BASIN	BURLINGTON RESOU	19810501	20040101	5,146	0	568,604	0	791	5,146	569,604
30045243500000	OHIO C GOVT	3E	DAKOTA	26	28 N 11 W	BASIN	XTO ENERGY	19810630	20030701	4,787	0	1,052,604	0	5,661	4,767	1,052,604
30045244040000	AZTEC	7E	DAKOTA	14	28 N 11 W	BASIN	BURLINGTON RESOU	19810701	20061101	8,453	1,042	891,183	238,047	1,910	9,495	1,129,230
30045244420000	HUGHES	2E	DAKOTA	23	28 N 11 W	BASIN	BURLINGTON RESOU	19810701	20061101	9,816	1,737	1,435,672	506,353	2,391	11,553	1,942,025
30045244420000	HUGHES	2E	DAKOTA	23	28 N 11 W	BASIN	BURLINGTON RES	19810731	20070201	9,874	1,737	1,407,926	536,613	2,455	11,611	1,944,539
30045245420000	ANGEL, PEAK B	25E	DAKOTA	24	28 N 11 W	BASIN	ENERGEN RESOURCE	19811101	20061101	4,625	0	345,562	146,762	1,160	4,625	492,324
30045245160000	ANGEL, PEAK B	23E	DAKOTA	10	28 N 11 W	BASIN	ENERGEN RESOURCE	19811201	20061101	3,350	347	822,398	360,096	323	3,697	1,182,494
30045248300000	EATON FEDERAL	1E	DAKOTA	15	28 N 11 W	BASIN	ENERGEN RESOURCE	19811201	20061101	3,443	695	329,206	120,536	1,090	4,138	449,742
30045248300000	EATON FEDERAL	1E	DAKOTA	15	28 N 11 W	BASIN	ENERGEN RES	19811231	20070101	3,443	347	331,579	120,032	1,040	3,790	451,611
30045243950000	OHIO C GOVT	2E	DAKOTA	26	28 N 11 W	BASIN	XTO ENERGY	19820228	20070201	1,544	695	296,811	133,145	1,451	2,239	429,956
30045256310000	ANGEL, PEAK B	24E	DAKOTA	13	28 N 11 W	BASIN	BURLINGTON RESOU	19830501	20061101	1,391	347	226,460	70,103	65	1,738	296,563
30045256300000	ANGEL, PEAK B	22E	DAKOTA	13	28 N 11 W	BASIN	BURLINGTON RESOU	19830601	20061101	1,728	347	467,035	119,528	53	2,075	566,563
30045243800000	OHIO A GOVT	2E	DAKOTA	23	28 N 11 W	BASIN	XTO ENERGY	19830731	20070201	1,697	347	343,608	191,648	3,535	2,044	535,256
Post 1980 Average										5,637	618	787,474	205,209	2,512	6,254	992,683

API	LEASE NAME	NO.	RESERVOIR	SEC	LOCATION	FIELD	OPERATOR	1st PROD	LAST PROD	CUM OIL	REM OIL	CUM GAS	REM GAS	CUM WATER	EUR OIL	EUR GAS
30045244580000	ANGEL, PEAK B	31	GALLUP	25	28 N 11 W	ARMENTA	BURLINGTON RESOU	19820801	19900701	4,395	0	53,540	0	42	4,395	53,540
30045255290000	ANGEL, PEAK	24	GALLUP	12	28 N 11 W	ARMENTA	ENERGEN RESOURCE	19830401	20061101	7,642	0	235,616	73,129	21	7,642	308,746
30045253300000	ANGEL, PEAK B	22E	GALLUP	13	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830401	20061101	2,663	347	401,076	83,720	132	3,010	484,796
30045253100000	ANGEL, PEAK B	24E	GALLUP	13	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830401	20061101	3,286	347	269,237	76,155	206	3,633	455,392
30045254910000	ANGEL, PEAK B	32	GALLUP	12	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830401	20061101	33,603	4,863	293,153	120,536	130	38,466	413,689
30045254920000	ANGEL, PEAK B	34	GALLUP	15	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830501	20030901	29,518	0	209,605	0	27	29,518	209,605
30045256060000	EATON FEDERAL	2	GALLUP	15	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830501	20061101	42,744	0	247,443	36,312	129	42,744	283,755
30045256540000	ANGEL, PEAK B	37	GALLUP	24	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830601	19870701	191	0	69,314	0	100	191	69,314
30045256820000	ANGEL, PEAK B	38	GALLUP	24	28 N 11 W	ARMENTA	ENERGEN RESOURCE	19830601	20061101	1,097	0	101,888	25,721	129	1,097	127,609
30045256890000	ANGEL, PEAK	27	GALLUP	11	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830701	19981101	8,347	0	258,296	0	3	8,347	258,296
30045257000000	ANGEL, PEAK	28	GALLUP	11	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830701	20061101	21,679	1,737	437,618	233,507	670	23,416	671,125
30045256690000	ANGEL, PEAK B	29	GALLUP	10	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830801	20061101	12,547	1,390	244,161	72,624	139	13,937	316,785
30045256690000	ANGEL, PEAK B	43	GALLUP	25	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830801	20061101	14,609	1,042	405,430	147,266	442	15,651	552,696
30045257390000	ANGEL, PEAK B	35	GALLUP	25	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830901	20061101	2,667	347	216,764	98,850	213	3,034	315,614
30045256870000	ANGEL, PEAK B	36	GALLUP	24	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830901	20061101	19,432	0	298,789	77,163	884	19,432	375,952
30045256860000	ANGEL, PEAK B	44	GALLUP	24	28 N 11 W	ARMENTA	ENERGEN RESOURCE	19830901	20061101	812	0	161,716	54,468	148	812	216,164
30045256860000	ANGEL, PEAK B	45	GALLUP	24	28 N 11 W	ARMENTA	BURLINGTON RESOU	19830901	19990701	1,114	0	102,575	0	87	1,114	102,575
30045257370000	ANGEL, PEAK B	5	GALLUP	10	28 N 11 W	ARMENTA	BURLINGTON RESOU	19831101	20061101	8,561	0	173,407	36,817	170	8,561	210,224
30045074110000	OHIO GOVT	2	GALLUP	15	28 N 11 W	ARMENTA	XTO ENERGY	19921031	20070201	5,839	4,169	186,394	150,292	6,764	10,008	336,666
Gallup Average (all are post 1980 wells)										11,619	750	229,791	67,714	549	12,369	297,504

WATER	EUR OIL	EUR GAS
% Mancos	% Mancos	% Mancos
18%	66%	23%
% Dakota	% Dakota	% Dakota
82%	34%	77%

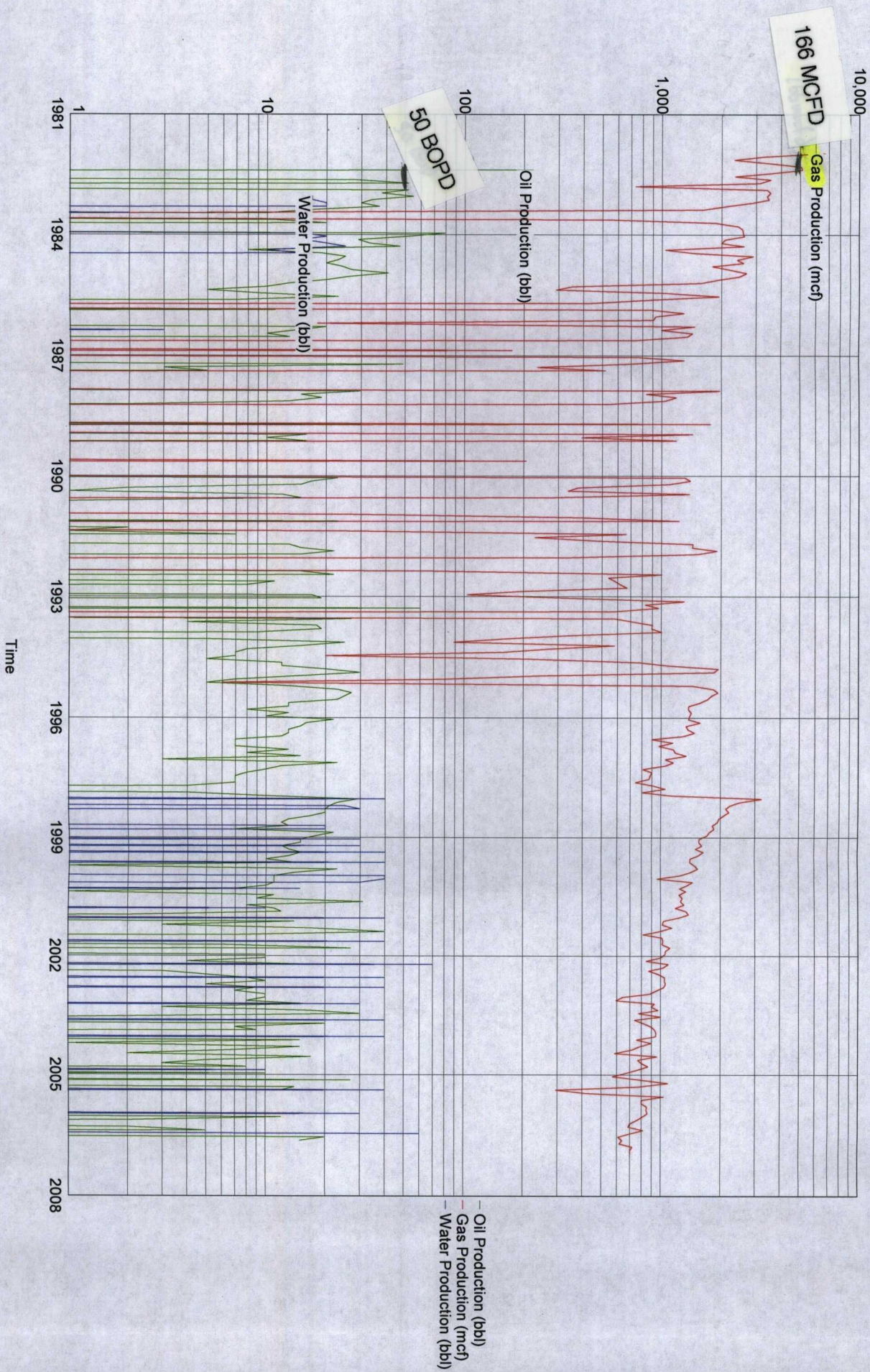
The allocation based on EUR is considered more representative of expected production than allocation based on the daily rate



Lease Name: EATON FEDERAL - 1C  
County, State: SAN JUAN, NM  
Operator: ENERGEN RESOURCES CORPORATION  
Field: BASIN  
Reservoir: DAKOTA  
Location: 15 28N 11W SE NW NW

EATON FEDERAL - BASIN

Production Rates





Lease Name: OHIO GOVT  
County, State: SAN JUAN, NM  
Operator: XTO ENERGY INCORPORATED  
Field: ARMENTA  
Reservoir: GALLUP  
Location: 15 28N 11W NW SE SE

OHIO GOVT - ARMENTA

Production Rates

