

3906

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.

Print or Type Name	Signature	Title	Date
e-mail Address			

District I  
1625 N French Drive Hobbs NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

District II  
1301 W Grand Avenue Artesia, NM 88210

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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

DHC-3906

XTO ENERGY INC. 2700 FARMINGTON AVE, SUITE K-1 FARMINGTON, NM 87401

Operator BACA GAS COM A #1A Address SEC 26F-T29-R10W SAN JUAN

Lease Well No Unit Letter-Section-Township-Range County

OGRID No. 5380 Property Code API No. 30-045-26180 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	AZTEC PICTURED CLIFFS	OTERO CHACRA	BLANCO MESAVERDE
Pool Code	71280	82329	72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1850' - 1882'	2482' - 2952'	3748' - 4374'
Method of Production (Flowing or Artificial Lift)	NEW POOL	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)	213 PSC (24HR ST)	288 PSC	296 PSC
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	NEW POOL	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:	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 Water 0% 61% 0%	Oil Gas Water 0% 10% 0%	Oil Gas Water 100% 29% 100%

ADDITIONAL DATA

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

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

Will commingling decrease the value of production? Yes  No

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  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 \_\_\_\_\_ TITLE REGULATORY COMPLIANCE TECH DATE 6/7/2007

TYPE OR PRINT NAME HOLLY C. PERKINS TELEPHONE NO. (505) 324-1090  
E-MAIL ADDRESS holly\_perkins@xtoenergy.com

RECEIVED

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
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

JUN 18 2007  
OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

WELL API NO. 30-045-26180  
5. Indicate Type of Lease  
Division STATE  FEE   
9. State Oil & Gas Lease No.

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., Bldg. K. Ste 1 Farmington, NM 87401  
4. Well Location  
Unit Letter F : 1475 feet from the NORTH line and 1685 feet from the WEST line  
Section 26 Township 29N Range 10W NMPM County SAN JUAN  
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5507' GR  
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 COMPLETION
- OTHER: DOWNHOLE COMMINGLE

SUBSEQUENT REPORT OF:

- REMEDIAL WORK  ALTERING CASING
- COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT
- CASING TEST AND CEMENT JOB
- 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. proposes to amend DHC 1308 (approved July 30, 1996) by adding the Aztec Pictured Cliffs (71280). Allocations are based upon 30 day production:

Mesaverde:	Gas: 29%	Water: 100%	Oil: 100%
Chacra:	Gas: 10%	Water: 0%	Oil: 0%
Pictured Cliffs:	Gas: 61%	Water: 0%	Oil: 0%

Interest owners were notified of XTO's intent to commingle via certified, return receipt mail on 9/25/2006. Commingling of these pools will minimize operating costs, add reserves & improve economics of the well. The BLM has approved our intent to amend DHC 1308 on 5/30/2007.

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 Holly C. Perkins TITLE REGULATORY COMPLIANCE TECH DATE 6/7/2007

Type or print name HOLLY C. PERKINS E-mail address: holly\_perkinstoenergy.com Telephone No. 505-324-1090

For State Use Only

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval, if any:

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, 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

Form C-102  
Revised August 15, 2000

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

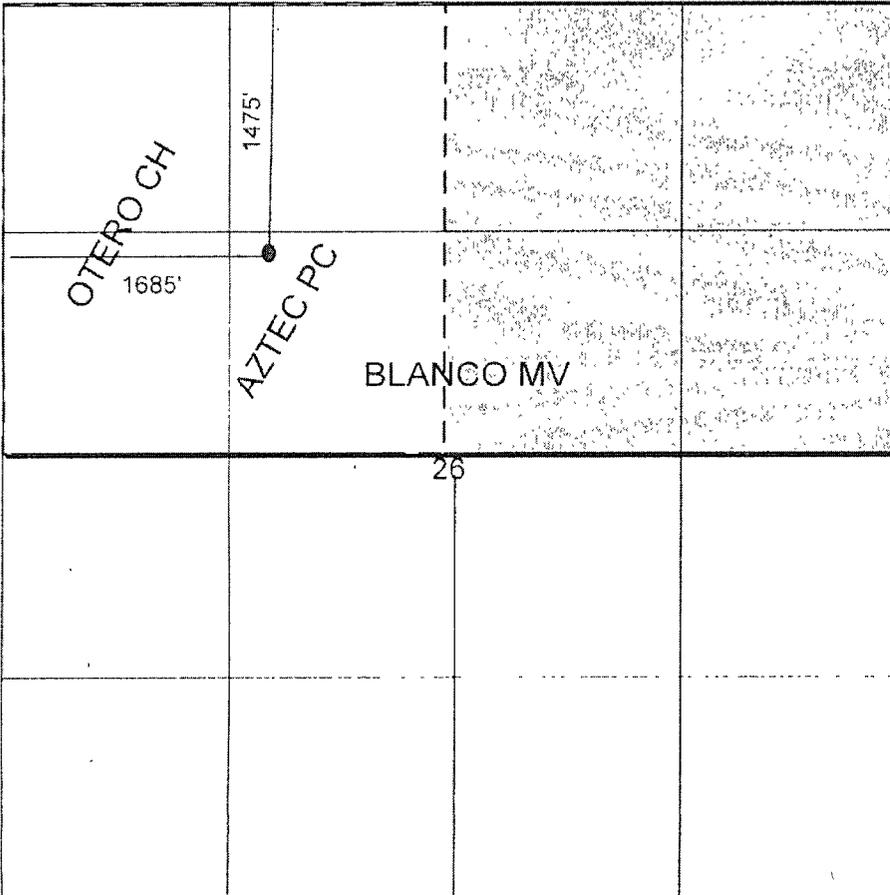
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED  
REPORT

API Number 30-045-26180		Pool Code 72319 / 82329 / 71280		Pool Name Blanco MV / Otero Chacra / Aztec Pictured Cliffs					
Property Code 22658		Property Name BACA GAS COM A				Well Number 1A			
OCRID No. 5380		Operator Name XTO Energy, Inc.				Elevation 5830'			
10 Surface Location									
UL or lot no. F	Section 26	Township 29N	Range 10W	Lot Idn	Feet from the 1475	North/South line NORTH	Feet from the 1685	East/West line WEST	County SAN JUAN
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
Dedicated Acres MV: 320 ac CH: 150 ac PC: 150 ac		Joint or Infill	Consolidation Code	Order No.					

NO ALLOWABLE WELL 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 hereby certify that the information contained hereon is true and complete to the best of my knowledge and belief.

*Holly C. Perkins*  
Signature

HOLLY C. PERKINS

Printed Name

Regulatory Compliance Tech

Title

5/29/2007

Date

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.

3-21-1985

Date of Survey

Original Survey Signed By

JOHN A. VUKONICH

14831

Certificate Number

Well\_Name: BACA GAS COM A # 001A API: 3004526180  
 Location: F-26-29.0N-10W 1475 FNL 1685 FWL  
 Lat: 36.70019282 Long: -107.8572  
 Operator Name: XTO ENERGY INC County: San Juan  
 Land Type: Private Well Type: Gas  
 Spud Date: 11/1/1985 Plug Date:  
 Elevation GL: 5507 Depth TVD 4430

Year: 2006

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	4354	0	13

Year: 2006

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	1714	0	30
February	0	1485	20	28
March	0	1660	0	31
April	0	1540	0	30
May	2	1652	1	31
June	21	1604	0	30
July	0	1690	0	31
August	0	1670	0	30
September	0	1638	0	30
October	2	1651	0	31
November	0	334	0	7
December	0	0	0	0

Year: 2006

Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	571	0	30
February	0	496	20	28
March	0	554	0	31
April	0	513	0	30
May	0	552	0	31
June	0	535	0	30
July	0	563	0	31
August	0	556	0	30
September	0	547	0	30

October	0	551	0	31
November	0	112	0	7
December	0	0	0	0

Year: 2007

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	7	5471	0	31
February	0	4025	0	28
March	0	3455	0	31
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 2007

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Year: 2007

Pool Name: OTERO CHACRA (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Produced
January	0	0	0	0
February	0	0	0	0
March	0	0	0	0
April	0	0	0	0
May	0	0	0	0
June	0	0	0	0
July	0	0	0	0
August	0	0	0	0
September	0	0	0	0
October	0	0	0	0
November	0	0	0	0
December	0	0	0	0

Gas Allocations

		MCFPM	Gas Allocation
Blanco Mesaverde	Oct-06	1651	29%
Otero Chacra	Oct-06	551	10%
Aztec PC	Mar-07	3455	61%

Allocation of Oil and Water to remain the same as pervious allocation.  
PC is making no waterr or oil