

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]

RECEIVED

[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 _____

DEC 9 2004

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

[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.

George A. Cox
Print or Type Name

George A. Cox
Signature

Landman
Title

12-8-04
Date

GEORGE_COX@XTOENERGY.COM
e-mail Address



December 8, 2004

FEDERAL EXPRESS:

Mr. Michael E. Stogner
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87504

RE: Application for Administrative Approval of Unorthodox Location
XTO Energy Inc.'s C.A. McAdams "D" 2F
745' FSL and 1,980' FEL (SW/4 SE/4)
Unit O, Section 20, T27N-R10W
San Juan County, New Mexico
Angle Peak Gallup Oil Formation

RECEIVED

30-045-32586

DEC 9 2004

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

Dear Mr. Stogner:

XTO Energy Inc. hereby requests administrative approval for an unorthodox location for the above referenced well. Attached for your reference are the following exhibits:

1. Well location plat (NMOCD Form C-102)
2. Topographic map
3. Ownership map
4. Production map of Basin Dakota and Angle Peak Gallup Oil

The above captioned well is proposed to be drilled as a Basin Dakota and Angle Peak Gallup well with the Dakota being spaced as an E/2 320 acre unit and the Angle Peak Gallup as a 80 acre laydown S/2SE/4 unit. The primary formation for this well is the Dakota formation. The well is being placed at a location based on the Dakota formation. The well is non standard at this footage location for the Angle Peak Gallup due to topographic problems. It is also in an attempt to obtain the greatest distance from the existing Dakota producer in the quarter section, being the C.A. McAdams D #2E well, while attempting to be standard in the Gallup. If you look at the attached topographic map, problems exist moving the location to the north trying to get a legal location in the Angle Peak Gallup formation.

The current wellbore in the C.A. McAdams "D" 2E well would not be conducive to an Angle Peak Gallup completion. The well was completed as a Dakota formation in 1983. The cement on the production string did not circulate to the surface on the second

stage. The top of the cement was found at 2400' by temperature survey. Squeeze holes were perforated at 1750' and cement was pumped and circulated to the surface. The top of the cement on the first stage is unknown. The well may not have adequate cement across the Gallup formation and may need to be squeeze cemented to get adequate cement across the Gallup formation. In addition with the squeeze holes at 1750', the Gallup would have to be completed using a packer and bridge plug. Greater risk are involved using this process in an older vintage well, i.e. collapsed casing or sticking the workstring in the hole and losing Dakota production.

All of the offset operators have been notified of this application by Certified Mail and copies of the letters and receipts are attached.

XTO Energy Inc. requests your Administration Approval for the unorthodox location based on the above information. Should you need any additional information please feel free to contact me at (817) 885-2454.

Sincerely,
XTO ENERGY INC.



George A. Cox, CPL

Landman

Enclosures

Cc: Del Craddock
Jeffery Patton
Barry Voigt

OFFSET OPERATORS AND OWNERS NOTIFICATION LIST
C.A. MCADAMS "D" #2F WELL

Burlington Resources Oil & Gas
P.O. Box 4289
Farmington, NM 87499-4289
Attention: Dawn Howell



December 8, 2004

CERTIFIED MAIL:

Burlington Resources Oil & Gas
P.O. Box 4289
Farmington, NM 87499-4289
Attention: Dawn Howell

RE: Application for Administrative Approval of Unorthodox Location
XTO Energy Inc.'s C.A. McAdams "D" 2F
745' FSL and 1,980' FEL (SW/4 SE/4)
Unit O, Section 20, T27N-R10W
San Juan County, New Mexico
Angle Peak Gallup Oil Formation

Gentlemen:

Enclosed please find a copy of the above captioned application that has been sent to the NMOCD for administrative approval. Should you not agree with the request, please notify the NMOCD within 20 days of the date of this application. Should you have any questions, concerning the operations, please feel free to contact me at (817) 885-2454.

Sincerely,
XTO ENERGY INC.

A handwritten signature in black ink, appearing to read 'George A. Cox', written over the typed name.

George A. Cox, CPL
Landman

Enclosures

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE.

CERTIFIED MAIL

7004 1160 0002 6523 3215
7004 1160 0002 6523 3215

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return (Endorse)	Dawn Howell
Restricted (Endorse)	Burlington Resources P. O. Box 4289
Total Postage	Farmington, NM 87499-4289 GAC:12/8/04:C A McAdams D#2F
Sent To	
Street, Apt. No., or PO Box No.	
City, State, ZIP+4	

PS Form 3800, June 2002 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Dawn Howell
Burlington Resources
P. O. Box 4289
Farmington, NM 87499-4289
GAC:12/8/04:C A McAdams D#2F

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) **7004 1160 0002 6523 3215**

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
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 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name CA McADAMS D			⁶ Well Number 2F
⁷ OGRBD No.		⁸ Operator Name XTO ENERGY INC.			⁹ Elevation 5996'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	27-N	10-W		745	SOUTH	1980	EAST	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
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

16 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

20

745'

1980'

N 89-54-20 W
2640.3' (C)

QTR. CORNER
FD 2 1/2" BC
GLO 1913

WITNESS COR.
FD 2 1/2" BC
GLO 1913

CALC'D COR.
47.52' SOUTH

QTR. CORNER
FD 2 1/2" BC
GLO 1913

LAT: 36°33'20" N. (NAD 27)
LONG: 107°54'58" W. (NAD 27)

17 OPERATOR CERTIFICATION

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

Signature _____

Printed Name _____

Title _____

Date _____

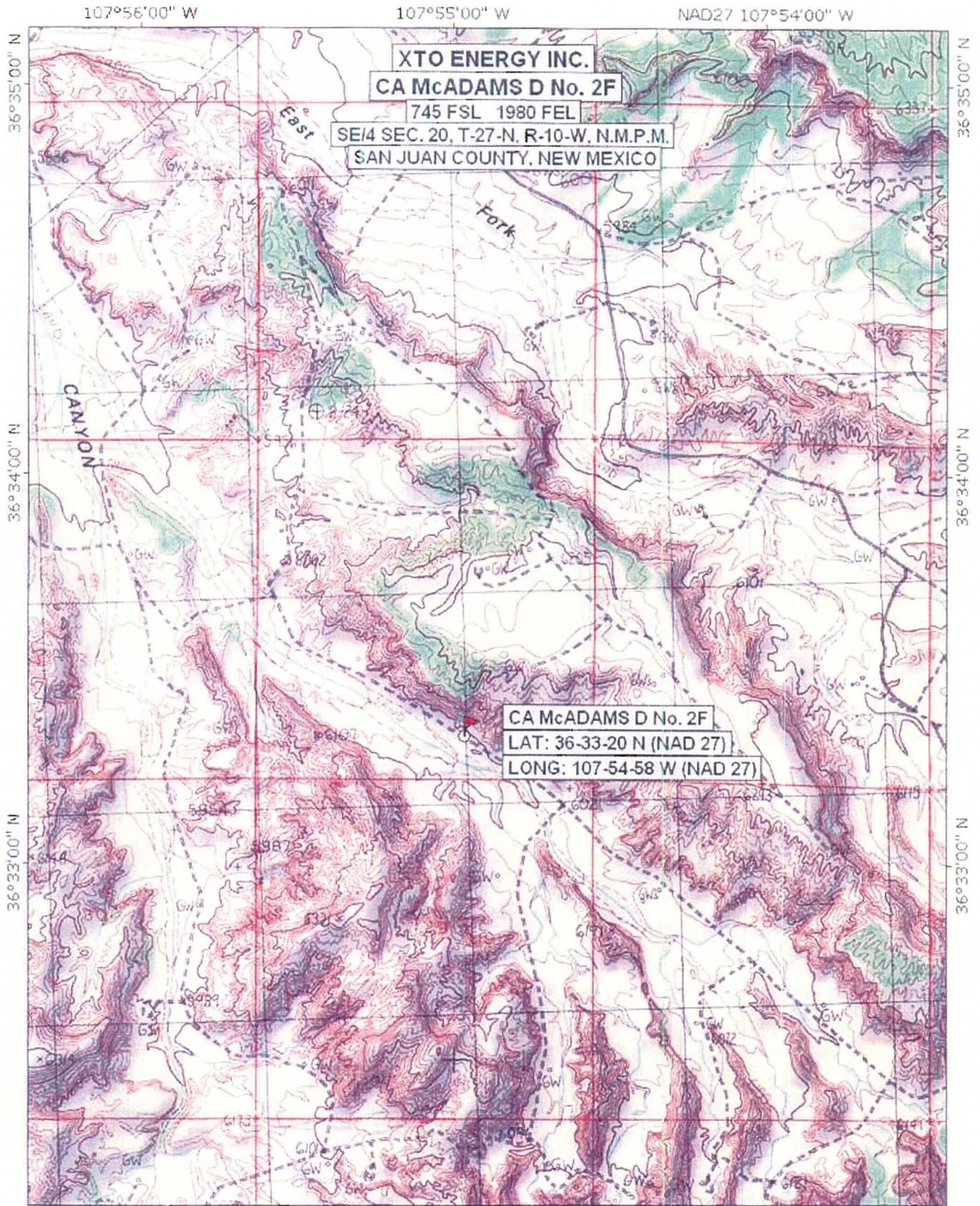
18 SURVEYOR CERTIFICATION

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.

Signature and Title of Professional Surveyor _____

Date of Survey _____

Certificate Number _____





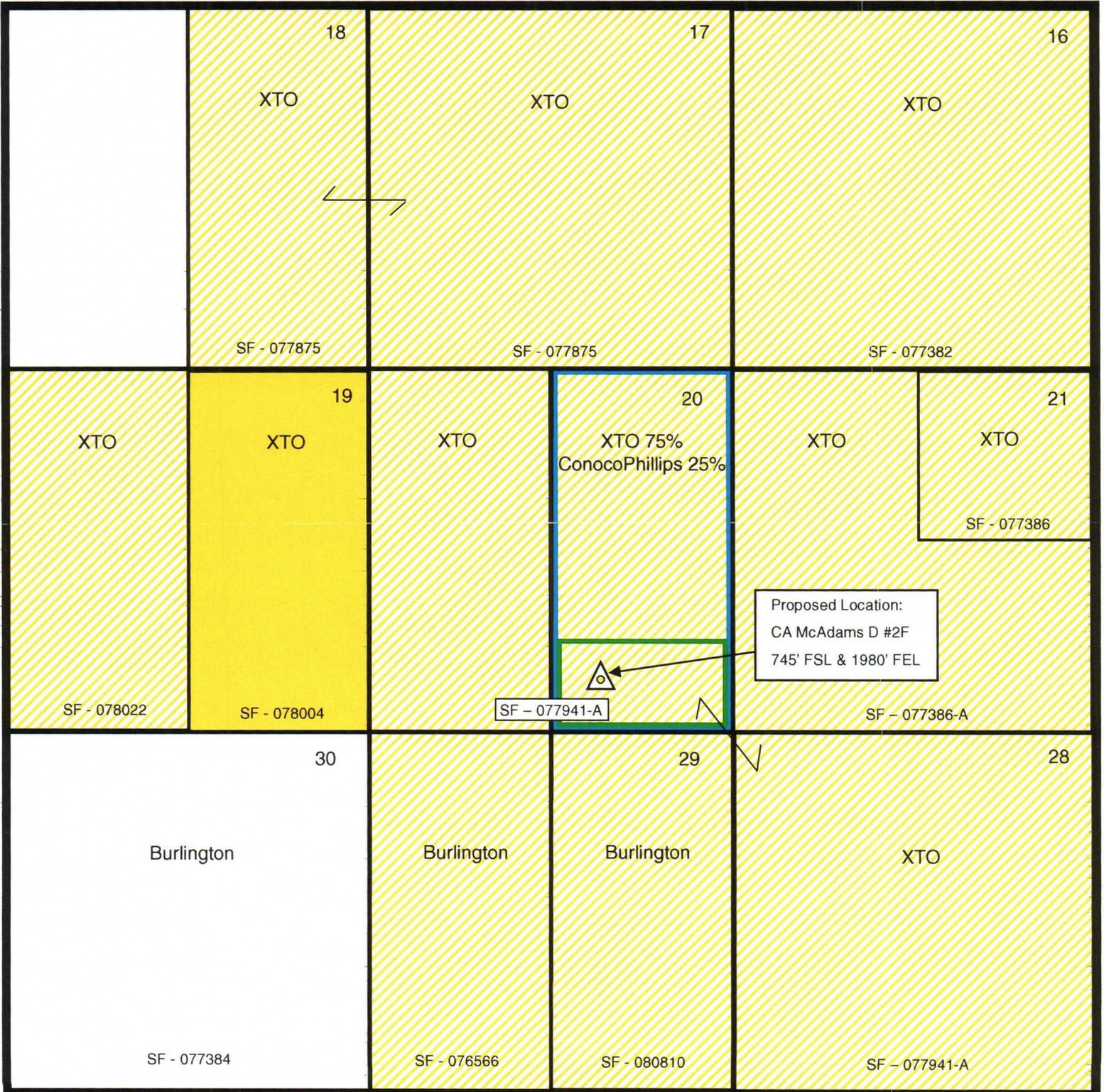
SECTION PLAT OF 9 SQUARE MILES

STATE: New Mexico COUNTY: San Juan

PROSPECT: E/2 320 Acre Basin Dakota & S/2 SE/4 80 Acre Angel Peak Gallup Ownership DATE: December 6, 2004

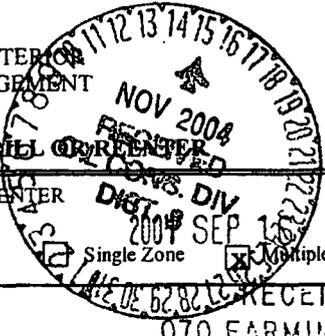
SECTION: 20 TOWNSHIP: 27 North RANGE: 10 West

SCALE: 1'=2000'



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007



APPLICATION FOR PERMIT TO DRILL

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMSF - 077941A
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator XTO Energy Inc.		7. Unit or CA Agreement Name and No.
3a. Address 2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM		8. Lease Name and Well No. CA McAdams "D" #2F
3b. Phone No. (include area code)		9. API Well No. 30-045-32586
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface 745' FSL x 1,980' FEL in Sec 20, T27N, R10W At proposed prod. zone		10. Field and Pool, or Exploratory Basin Dakota Basin Mancos
14. Distance in miles and direction from nearest town or post office* Approx 20 air mile Southeast of the Bloomfield, NM Post office		11. Sec., T., R., M., or Blk. and Survey or Area 0 Sec 20, T27N, R10W
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 745'	16. No. of Acres in lease 1,280	12. County or Parish San Juan
17. Spacing Unit dedicated to this well 320 E/2 DK 160 SE/4 MC	13. State NM	18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1,100'
19. Proposed Depth 6,700'	20. BLM/BIA Bond No. on file	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,996' Ground Level
22. Approximate date work will start*	23. Estimated duration	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>JW Patton</i>	Name (Printed/Typed) Jeffrey W. Patton	Date 9/13/04
Title Drilling Engineer		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed)	Date 11/8/04
Title AFM	Office FFO	

Application approval 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.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

*(Instructions on page 2)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

APD/ROW

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

DISTRICT I
1625 N. Fench Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised June 10, 2003
Instructions on back
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DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

AMENDED REPORT

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32586		² Pool Code 91599		³ Pool Name BASIN DAKOTA	
⁴ Property Code 22599		⁵ Property Name CA McADAMS D			⁶ Well Number 2F
⁷ GRID No. 167067		⁸ Operator Name XTO ENERGY INC.			⁹ Elevation 5996'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	27-N	10-W		745	SOUTH	1980	EAST	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

¹² Dedicated Acres 320	¹³ Joint or Infill E/2 I	¹⁴ Consolidation Code	¹⁵ Order No.
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16 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

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

Signature: Jeffrey W. Patton
Printed Name: JEFFREY W. PATTON
Title: DRILLING ENGINEER
Date: 7-13-04

18 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.

Date of Survey: JULY 2004
Signature and Seal of Professional Surveyor: JOHN A. VUKONICH
Certificate Number: 14831

WELL LOCATION
QTR. CORNER
FD 2 1/2" BC
GLO 1913

QTR. CORNER
FD 2 1/2" BC
GLO 1913

WITNESS COR.
FD 2 1/2" BC
GLO 1913

CALC'D COR.
47.52' SOUTH
1980'

N. 89-54-20 W
2640.3' (C)

N. 00-01-01 W
2642.3' (C)

LAT: 36°33'20" N. (NAD 27)
LONG: 107°54'58" W. (NAD 27)

NOV 2004
RECEIVED
OIL CONS. DIV.
DIST. 8

DISTRICT I
1625 N. Fench Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

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AMENDED REPORT

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 9723Z		³ Pool Name BASIN MADROS	
⁴ Property Code		⁵ Property Name CA McADAMS D		⁶ Well Number 2F	
⁷ OGRID No. 167067		⁸ Operator Name XTO ENERGY INC.		⁹ Elevation 5996'	

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	20	27-N	10-W		745	SOUTH	1980	EAST	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

¹² Dedicated Acres 16.07 SE / Z	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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16 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°33'20" N. (NAD 27) LONG: 107°54'58" W. (NAD 27)</p> <p>QTR. CORNER FD 2 1/2" BC GLO 1913</p> <p>WITNESS COR. FD 2 1/2" BC GLO 1913</p> <p>QTR. CORNER FD 2 1/2" BC GLO 1913</p> <p>745'</p> <p>1980'</p> <p>N 89-54-20 W 2640.3' (C)</p> <p>N 00-01-01 W 2842.3' (C)</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Jeffrey W. Datta</i> Signature</p> <p>JEFFREY W. DATTA Printed Name</p> <p>DRAWING ENGINEER Title</p> <p>9-13-09 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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</p> <p>JUL 20 2009 Date of Survey</p> <p><i>John A. Vukovich</i> Signature and Seal of Professional Surveyor</p> <p>14831 Professional Surveyor No.</p> <p>14831 Certificate Number</p>

