

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires January 31, 2004

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>NMM03380</b>
2. Name of Operator <b>XTO Energy Inc.</b>		6. If Indian, Allottee or Tribe Name <b>72</b>
3a. Address <b>2700 Farmington Ave., Bldg. K, Ste 1 Farmington,</b>	3b. Phone No. (include area code) <b>505-324-1090</b>	7. If Unit or CA/Agreement, Name and/or No. <b>72</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>775' FNL &amp; 1555' FEL, UNIT G, SEC 19, T27N, R08W</b>		8. Well Name and No. <b>FLORANCE 72</b>
		9. API Well No. <b>30-045-31896</b>
		10. Field and Pool, or Exploratory Area <b>WILDCAT BASIN MANCOS</b>
		11. County or Parish, State <b>SAN JUAN NM</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>AMEND DHC</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>ORDER</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 to amend DHC order 3232AZ per attached documents.

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>HOLLY C. PERKINS</b>	Title <b>REGULATORY SPECIALIST</b>
<i>Holly C. Perkins</i>	Date <b>3/18/04</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Jim Lovelace</i>	Title <b>Perm. Eng</b>	Date <b>3/29/04</b>
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.		

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.

NMOC



March 18, 2004

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

Subject: Application for Exception to Rule 303-C Downhole Commingle  
Florance #72  
Unit B, Sec 19, T27N, R08W  
San Juan County, NM

Mr. Jones:

XTO Energy Inc. respectfully requests approval to modify the existing downhole commingle order DHC 3232AZ, approved 1/20/04, by the addition of the Wildcat Basin Mancos formation to the existing DHC order. Presently DHC 3232AZ pertains to the downhole commingling of the Otero Chacra, Blanco Mesaverde and the Basin Dakota pools in the Florance #72. Upon approval of the modification to downhole commingle, the well will be completed and the pools commingled. The WI, NRI and ORRI ownership are common between all pools.

The allocation percentages for gas and oil were based upon the surrounding average 9-section EUR's for each pool.

XTO Energy Inc. requests approval to downhole commingle the Otero Chacra, Wildcat Basin Mancos, Blanco Mesaverde and the Basin Dakota pools. Should you need any additional information, please contact us at (505) 324-1090.

Sincerely,  
  
Holly C. Perkins  
Regulatory Specialist

xc: TWD  
LWF  
George Cox, FTW Land  
Well File

SUSPENSE

ENGINEER

LOGGED IN

TYPE

APP NO.

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

HOLLY C. PERKINS

Print or Type Name

Signature

REGULATORY SPECIALIST

Title

3/18/04

Date

Holly\_perkins@xtoenergy.com  
e-mail Address

District I  
1000 N. Grand Avenue, Hobbs, NM 88240  
District II  
1000 N. Grand Avenue, Artesia, NM 88210  
District III  
1000 N. Grand Avenue, Artesia, NM 88210  
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 Address  
FLORANCE 72 UNIT B, SEC 19, T27N, R08W

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

OGRID No. 167067 Property Code API No. 30-045-31896 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde Wildcat Basin Mancos	Basin Dakota
Pool Code	82329	72319 97232	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3106' - 3773' Perforated	3773' - 4887' MV Perforated 5924' - 6122' MC Perforated	6653' - 6959' Perforated
Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING 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)	Est 300 psig	Est 340 psig (MV) Est 340 psig (MC)	Est 300 psig
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1311	1399 (MV) 1206 (MC)	1414
Producing, Shut-In or New Zone	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 Water 0% 13% 0%	Oil Gas Water MV: 34% 41% 34% MC: 12% 9% 12%	Oil Gas Water 54% 37% 54%

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 Holly C. Perkins TITLE: REGULATORY SPECIALIST DATE: MARCH 18, 2004

TYPE OR PRINT NAME: HOLLY C. PERKINS TELEPHONE NO: (505) 324-1090

9-Section Allocation  
Florance 72

Zone	Avg Oil EUR (mbo)	Avg Gas EUR (mmcf)	Oil Allocation	Gas Allocation
Dakota	10	933	54.14%	37.39%
Mancos	2	216.975	11.91%	8.70%
Mesaverde	6	1,031	33.95%	41.30%
Chacra	0	315	0.00%	12.61%
Total	18	2,495	100.00%	100.00%

Florance #72  
Offset Mancos/Gallup Completions

Well	Location	EUR Gas (mmcf)	EUR Oil (mbo)
Florance D 10B	17 27N 8W	31.322	0.221
Florance 63F	17 27N 8W	30.106	0.097
Florance 68	20 27N 8W	112.375	1.535
Navajo Indian B 7	19 27N 8W	694.097	7.066
Average		216.975	2.230

RICT I  
Box 1980, Hobbs, N.M. 88241-1980

RICT II  
Drawer DD, Artesia, N.M. 88211-0719

RICT III  
30 Rio Brazos Rd., Aztec, N.M. 87410

RICT IV  
Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

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 3004521896	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name Basin Dakota
<sup>4</sup> Property Code	<sup>5</sup> Property Name FLORANCE	<sup>6</sup> Well Number 72
<sup>7</sup> OGRID No. 1107067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6095

<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
B	19	27-N	8-W		775	NORTH	1555	EAST	SAN JUAN

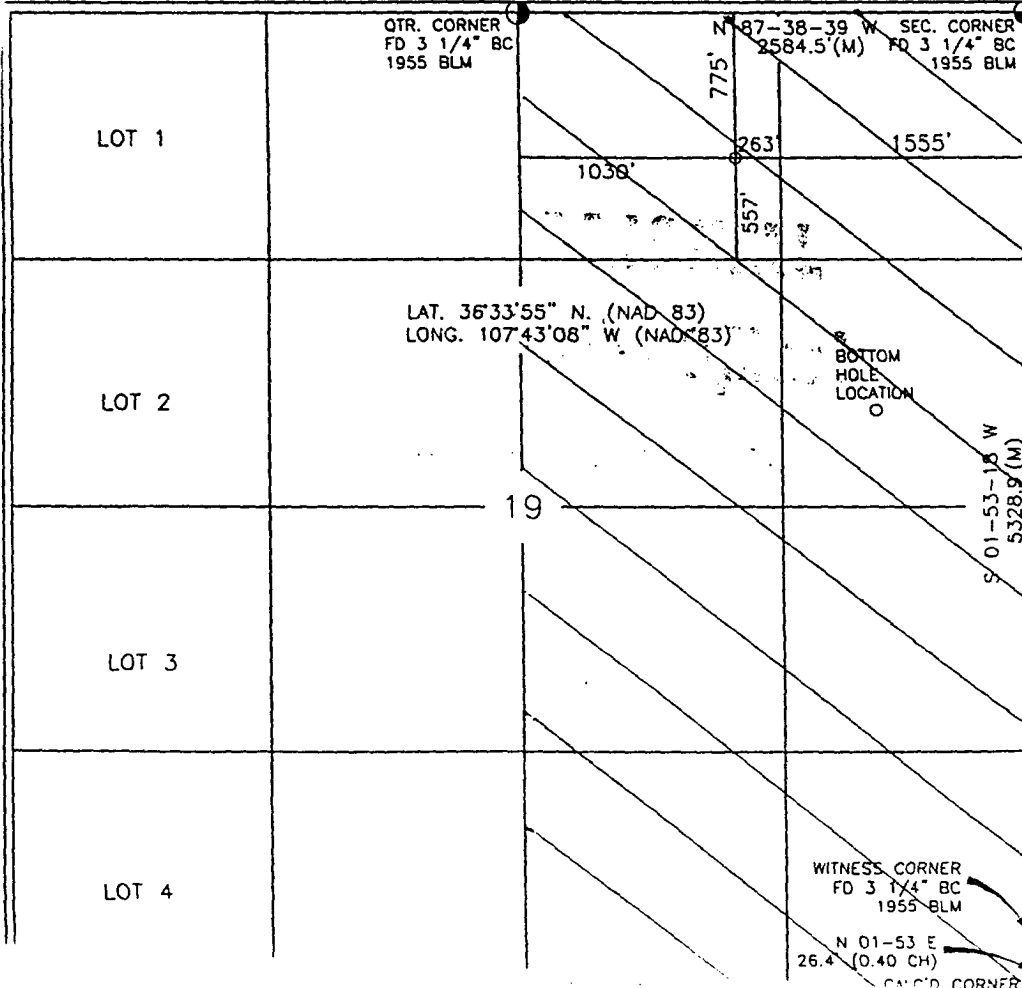
<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	27-N	8-W		2125	NORTH	825	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill E12	<sup>14</sup> Consolidation Code I	<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

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: Kelly H Small  
Printed Name: Kelly H Small  
Title: Drilling Assistant  
Date: 8/5/03

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: 8/5/03  
Signature and Seal of Professional Surveyor: [Seal]  
Certificate Number: 14827

DISTRICT I  
P.O. Box 1980, Hobbs, N.M. 88241-1980

DISTRICT II  
P.O. Drawer 80, Artesia, N.M. 88211-0719

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

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

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State Lease - 4 Copies  
Fas Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-31896	<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name WILDCAT BASIN MANCOS
<sup>4</sup> Property Code	<sup>5</sup> Property Name FLORANCE	<sup>6</sup> Well Number 72
<sup>7</sup> GRID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6095

<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
B	19	27-N	8-W		775	NORTH	1555	EAST	SAN JUAN

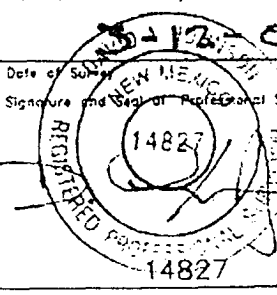
<sup>11</sup>Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	27-N	8-W		2125	NORTH	525	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres 160 NE/4	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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16

LOT 1	QTR. CORNER FD 3 1/4" BC 1955 BLM	775' N 263' 557'	1555'	17	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <u>Holly C. Perkins</u> Printed Name <u>HOLLY C. PERKINS</u> Title <u>REGULATORY SPECIALIST</u> Date <u>3-18-04</u>	
LOT 2	LAT. 36°33'55" N. (NAD 83) LONG. 107°43'08" W (NAD 83)	BOTTOM HOLE LOCATION O		18		<b>SURVEYOR CERTIFICATION</b> 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 <u>3-18-04</u> Signature and Seal of Professional Surveyor:  Certificate Number <u>14827</u>
LOT 3						
LOT 4	WITNESS CORNER FD 3 1/4" BC 1955 BLM N 01-53 E 26 4' (0.40 CH) CALC'D CORNER	S 01-53-18 W 5324.9'(M)				



☐ AMENDED REPORT

DISTRICT II  
P.O. Drawer DD, Artesia, N.M. 88211-0719

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

**DISTRICT IV**  
**PO Box 2088, Santa Fe, NM 87504-2088**

## OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 3004531896		<sup>2</sup> Pool Code 72319		<sup>3</sup> Pool Name Blanca Mesaverde	
<sup>4</sup> Property Code		<sup>5</sup> Property Name FLORANCE			<sup>6</sup> Well Number 72
<sup>7</sup> DGRID No. K07007		<sup>8</sup> Operator Name XTO ENERGY INC.			<sup>9</sup> Elevation 6095

<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
B	19	27-N	8-W		775	NORTH	1555	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
H	19	27-N	8-W		2125	NORTH	825	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres 320 E/2	<sup>13</sup> Joint or Infill I	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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17 OPERATOR CERTIFICATION

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

Signature Harry H. Smoot

He is a small

Printed Name) Drilling Assistant

Title 216103

2

## 18 SURVEYOR CERTIFICATION

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

Date of Survey \_\_\_\_\_  
Signature and Seal of Professional Surveyor: \_\_\_\_\_

A circular professional stamp for a Registered Professional Surveyor in the State of Michigan. The number 14827 is stamped in the center and at the bottom. The text "REGISTERED PROFESSIONAL SURVEYOR" is written around the perimeter. The stamp is partially obscured by a signature and other markings.

Certificate Number

Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
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O. Drawer DD, Artesia, N.M. 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, NM 87504-2088

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

DISTRICT IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 3004531896		<sup>2</sup> Pool Code 22329		<sup>3</sup> Pool Name OTERO CHAURA	
<sup>4</sup> Property Code		<sup>5</sup> Property Name FLORANCE			<sup>6</sup> Well Number 72
<sup>7</sup> GRID No. 167067		<sup>8</sup> Operator Name XTO ENERGY INC.			<sup>9</sup> Elevation 6095

<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
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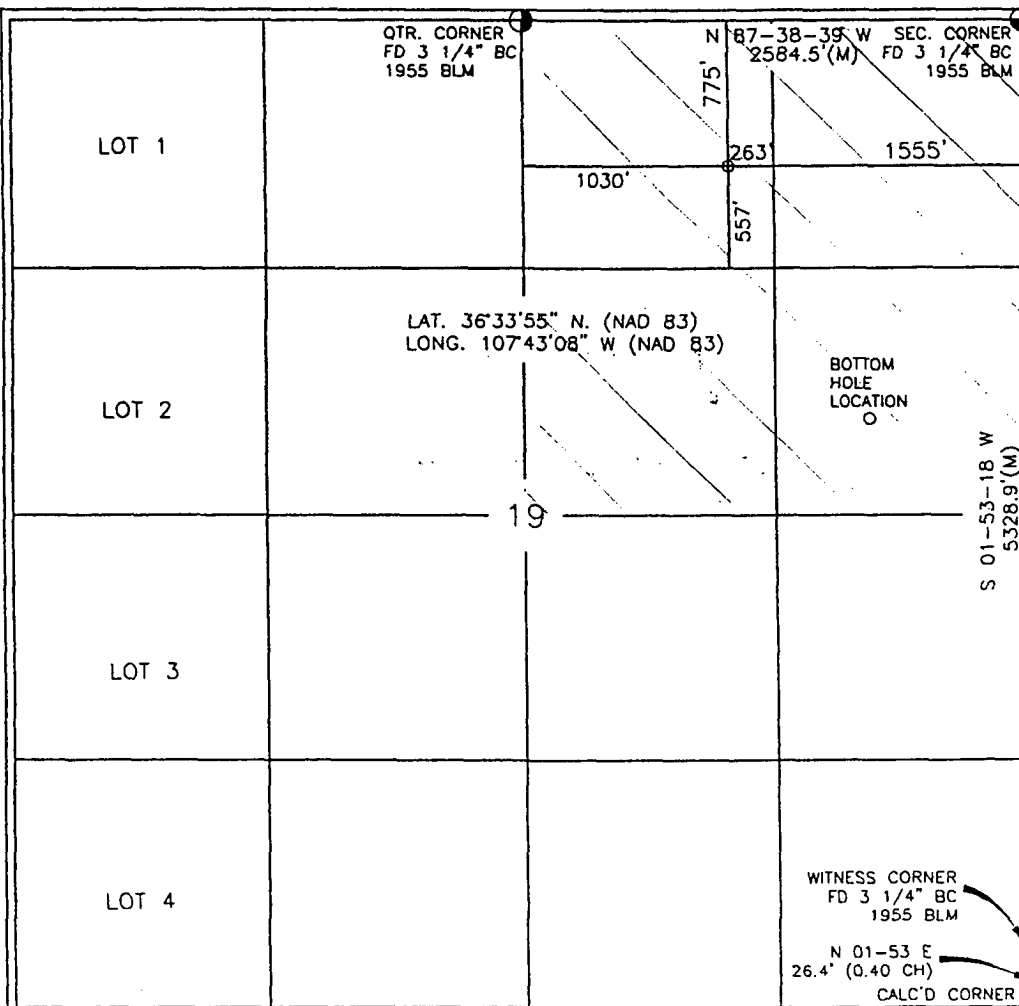
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<sup>12</sup> Dedicated Acres 160 NE / 4		<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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16



17 OPERATOR CERTIFICATION

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

Signature Jeffrey W. Patton  
Printed Name JEFFREY W. PATTON  
Title DRILLING ENGINEER  
Date 10-31-03

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 10-31-03  
Signature and Seal of Professional Surveyor:  
14827  
Certificate Number 14827