



June 26, 2002

Ms. Lori Wrotenberry  
New Mexico Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

RE: Application for Exception to Rule 303-C – Downhole Commingling  
Schwerdtfeger A #5F  
Unit I, Sec 6, T-27-N R-8-W  
Otero Chacra, Blanco Mesaverde, Wildcat Gallup and Basin Dakota Pools  
San Juan County, New Mexico

Dear Ms. Wrotenberry,

Enclosed please find an administrative application form (C-107A) and attachments for downhole commingling the captioned well. XTO Energy Inc. (XTO) plans to complete all four zones in succession with an expected total commingled rate of about 3 BOPD, 2 BWPD and 900 MCFPD. The ownership (WI, NRI and ORRI) of these pools are identical in this wellbore. Downhole commingling in this manner will offer an economic method of production while protecting against reservoir damage, waste of reserves and violation of correlative rights. Offset operators have been sent a copy of this application by certified mail.

This well is located 1-1/2 miles north of the Florance #66F. A downhole commingling application was sent with supporting documentation in May 2002. Due to both wells close proximity XTO would like to also use that information for this application. The downhole commingling order for the Florance #66F is DHC-3011.

If you need additional information or have any questions, please give me a call at (505) 324-1090.

Sincerely,  
XTO ENERGY INC

Darrin L. Steed  
Operations Engineer

Enclosures

xc: OCD-Aztec  
Cc: DLS File  
Well File  
GLM

C:\Work\Schwerdtfeger A #5FDHT application1.doc

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 May 15, 2000

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., Bldg. K, Ste 1, Farmington, NM 87401  
Operator Address

Schwerdtfeger A 5F I-6-T27N-R8W San Juan  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 167067 Property Code API No. 30-045-31052 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	
Pool Code	82329	72319	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Est 3,520' - 3,650' (Perforated)	Est 4,280' - 5,000' (Perforated)	
Method of Production (Flowing or Artificial Lift)	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. 915 psig	Est. 1,098 psig	
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1206 BTU	1300 BTU	
Producing, Shut-In or 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:  Est. Rates: 0 BOPD 0 BWPD 110 MCFPD	Date:  Est. Rates: 0.6 BOPD 0.6 BWPD 405 MCFPD	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 0 % 12 %	Oil Gas 33 % 45 %	Oil Gas % %

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 Operations Engineer DATE June 26, 2002

TYPE OR PRINT NAME Darrin Steed TELEPHONE NO. ( 505 ) 324-1090

XTO Energy Inc  
Operator

2700 Farmington Ave., Bldg. K, Ste 1, Farmington, NM 87401  
Address

Schwerdtfeger A  
Lease

5F  
Well No.

I-6-T27N-R8W  
Unit Letter-Section-Township-Range

San Juan  
County

OGRID No. 167067 Property Code API No. 30-045-31052 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name		Wildcat Gallup	Basin Dakota
Pool Code		96925	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)		Est 6,200' – 6,400' (Perforated)	Est 6,900' – 7,150' (Perforated)
Method of Production (Flowing or Artificial Lift)		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. 1,150 psig	Est. 780 psig
Oil Gravity or Gas BTU (Degree API or Gas BTU)		1156 BTU	1228 BTU
Producing, Shut-In or 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:  Est. Rates: 0.1 BOPD 0.1 BWPD 150 MCFPD	Date:  Est. Rates: 1.3 BOPD 2.3 BWPD 235 MCFPD
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  17 % 8 %	Oil Gas  51 % 35 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐  
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 Operations Engineer

DATE June 11, 2002

TYPE OR PRINT NAME

Darrin Steed

TELEPHONE NO. ( 505 ) 324-1090

Average Temperature and Deviation Factor Method for Calculating Static Bottom Hole Pressure					
Schwerdtfeger A #5E (Gallup)					
Z (ft)	6111	Depth to zone	.		
SG	0.711	Gas gravity		Taken from TUMS database	
Pts (psia)	1000	Surface pressure		SITP when installing new compressor	
Tts (F)	70	surface temp		Average surface temperature taken from TUMS database	
Tws (F)	142	BH temp		Taken from NMOCD rules handbook Fig 107-A	
Tavg (R)	566	Avg temp (Rankine)			
Pws (psia)	1500	Starting BHP guess			
Pavg (psia)	1250	Starting BHP guess & surface press			
Ppc	668				
Tpc	389				
Ppr	1.87				
Tpr	1.45				
z	0.808	From Standing & Katz			
Pws (psia)	1150	BHP calc	End of iteration #1		
Pavg (psia)	1075				
Ppr	1.61				
Tpr	1.45				
z	0.83	From Standing & Katz			
Pws (psia)	1146	BHP calc	End of iteration #2		
Natural Gas Production Engineering, Ikoku pg.319					

**Schwerdtfeger A #5F**  
**SE/4 Section 6 T-27-N R-8-W**

Lease	Well #	Sec	Twp	Rng	Chacra		Mesaverde		Gallup		Dakota	
					EUR MMCF	CUM MBO	EUR MMCF	CUM MBO	EUR MMCF	CUM MBO	EUR MMCF	CUM MBO
Florance D LS	9	17	27N	8W	536	0.0						
Florance D LS	17	17	27N	8W	169	0.0						
Florance LS	4A	18	27N	8W	206	0.3						
Florance	66	18	27N	8W	36	0.0						
Navajo Indian B	3	19	27N	8W	352	0.0						
Florance	67	19	27N	8W	481	0.0						
Blanco	25	12	27N	9W	352	0.0						
John Charles	6A	13	27N	9W	160	0.0						
John Charles	8	13	27N	9W	712	0.0						
John Charles	7E	13	27N	9W	599	0.0						
Huerfanito Unit	77	24	27N	9W	191	0.0						
Jernigan	3A	24	27N	9W	437	0.0						
Day B	5	7	27N	8W			1,450	8.3				
Day B	2	7	27N	8W			1,800	10.3				
Schwerdtfeger A	6M	8	27N	8W			263	0.5				
Schwerdtfeger A	20M	8	27N	8W			1,231	4.8				
Schwerdtfeger A	14	8	27N	8W			1,456	8.5				
Schwerdtfeger A	13	8	27N	8W			1,770	12.8				
Florance D LS	10	17	27N	8W			1,266	5.7				
Florance D LS	9	17	27N	8W			2,656	11.5				
Florance	64	17	27N	8W			1,192	1.3				
Florance	63M	17	27N	8W			746	1.2				
Florance	63E	17	27N	8W			618	0.7				
Florance	4	18	27N	8W			2,685	15.0				
Florance	4A	18	27N	8W			636	1.5				
Florance D LS	11	18	27N	8W			2,139	9.0				
Florance	66	18	27N	8W			864	1.4				
Navajo B	6M	19	27N	8W			650	4.2				
Florance	67	19	27N	8W			776	0.5				
Florance D LS	12	19	27N	8W			2,898	16.2				
Navajo Indian B	3	19	27N	8W			950	1.6				
Florance D LS	4	20	27N	8W			1,084	0.5				
Florance	62	20	27N	8W			1,023	1.9				
Florance	62M	20	27N	8W			264	0.7				
Florance D LS	13	20	27N	8W			2,089	11.2				
Florance D LS	4A	20	27N	8W			141	1.4				
Blanco	2A	12	27N	9W			723	2.5				
Blanco	2	12	27N	9W			3,046	13.5				
Blanco	4	12	27N	9W			2,828	15.0				
Blanco	4A	12	27N	9W			590	0.1				
John Charles	7B	13	27N	9W			630	0.2				
John Charles	7	13	27N	9W			3,024	13.1				
John Charles	7A	13	27N	9W			1,328	5.2				
John Charles	6	13	27N	9W			3,005	15.9				
John Charles	6A	13	27N	9W			765	4.9				
Jernigan	3	24	27N	9W			584	10.0				
Huerfanito Unit	77A	24	27N	9W			478	2.5				
Huerfanito Unit	77	24	27N	9W			382	2.9				
Jernigan	3A	24	27N	9W			215	2.9				
Day B	4	7	27N	8W							1,078	4.7
Day B	3	7	27N	8W							1,127	9.9
Schwerdtfeger A	6M	8	27N	8W							732	4.1
Schwerdtfeger A	6	8	27N	8W							1,676	15.9
Schwerdtfeger A	20M	8	27N	8W							286	3.2
Schwerdtfeger A	20	8	27N	8W							1,775	14.3
Florance	64	17	27N	8W							528	7.2
Florance	63M	17	27N	8W							1,211	15.4
Florance	63E	17	27N	8W							755	5.5
Florance	65	18	27N	8W							1,702	9.1
Florance	66	18	27N	8W							2,270	26.1
Florance	66E	18	27N	8W							625	3.1
Navajo B	6	19	27N	8W							620	4.1
Navajo B	6M	19	27N	8W							270	1.5
Florance	67	19	27N	8W							459	8.5
Florance	68	20	27N	8W							482	5.3

Schwerdtfeger A #5F												
SE/4 Section 6 T-27-N R-8-W												
Lease	Well #	Sec	Twp	Rng	Chacra		Mesaverde		Gallup		Dakota	
					EUR MMCF	CUM MBO	EUR MMCF	CUM MBO	EUR MMCF	CUM MBO	EUR MMCF	CUM MBO
Florance	62	20	27N	8W							1,062	23.2
Florance	62M	20	27N	8W							737	1.8
Charles et al	2E	12	27N	9W							588	3.6
Charles et al	1E	12	27N	9W							605	1.7
Charles et al	2	12	27N	9W							941	4.6
Charles et al	1	12	27N	9W							675	3.2
Ramenta et al	1	13	27N	9W							800	6.6
John Charles	7	13	27N	9W							475	5.2
John Charles	7E	13	27N	9W							781	4.0
Ramenta et al	1E	13	27N	9W							375	1.5
Huerfanito Unit	97	24	27N	9W							3,331	38.8
Jernigan	3	24	27N	9W							2,545	26.2
Schwerdtfeger A	5E	6	27N	8W					236	3		
<b>Totals</b>					<b>4,231</b>	<b>0.3</b>	<b>48,245</b>	<b>219.4</b>	<b>236.0</b>	<b>3.0</b>	<b>28,511</b>	<b>258.3</b>
<b>Average</b>					<b>353</b>	<b>0.0</b>	<b>1,304</b>	<b>5.9</b>	<b>236.0</b>	<b>3.0</b>	<b>1,018</b>	<b>9.2</b>

Proposed Allocations

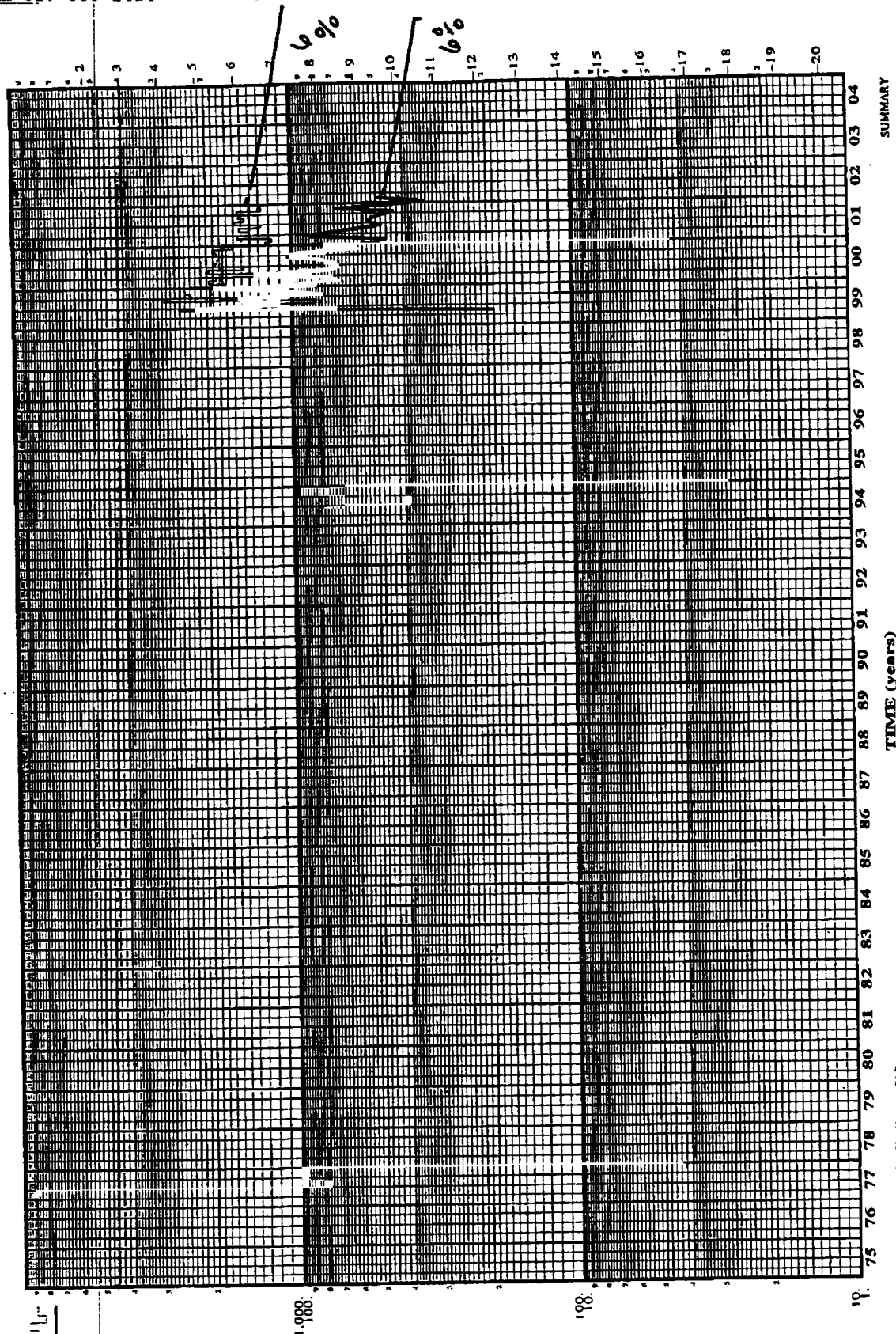
	Gas %	Oil %
Chacra	12%	0%
Mesaverde	45%	33%
Gallup	8%	17%
Dakota	35%	51%

**XTO Energy Inc.**

## SUMMARY OF GALLUP PRODUCERS

SEC 6 T27N R8W  
SAN JUAN COUNTY, NEW MEXICO

	Oil (bbblm)	Gas (mcf/mm)	Oil (bbbl)	Gas (mcf)	Res. Cat. Life
Q <sub>1</sub>	0	0	2,789	56,262	At-Of-Que
Q <sub>2</sub>	0	0	0	0	Remain Life
Decline	0.0 %	0.0 %	2,789	56,262	Q <sub>1</sub> Owner
			Net Remaining	0	Q <sub>2</sub> Owner
			Gross Cost (\$/0202)		
			Gross Remaining		
			Gross Ultimate		
			Net Remaining		
			Final Last Production		
			Filet Life (years)		
			OPC (\$/bbl)		
			Gas Price (\$/mm)		
			Oil Price (\$/bbl)		
			Net Cash Flow		
			\$		P.W. @ 0.0 %
			99 / 0202		\$ - 0

Run Date:  
Run Time:
$$\frac{\Delta \cdot \Gamma_{\text{S}}}{\Delta \cdot \Gamma_{\text{L}}} = \frac{\Delta \cdot \Gamma_{\text{S}}}{\Delta \cdot \Gamma_{\text{L}}}$$


TIME (years)

06/19/2002 14:02:43 21 Pn

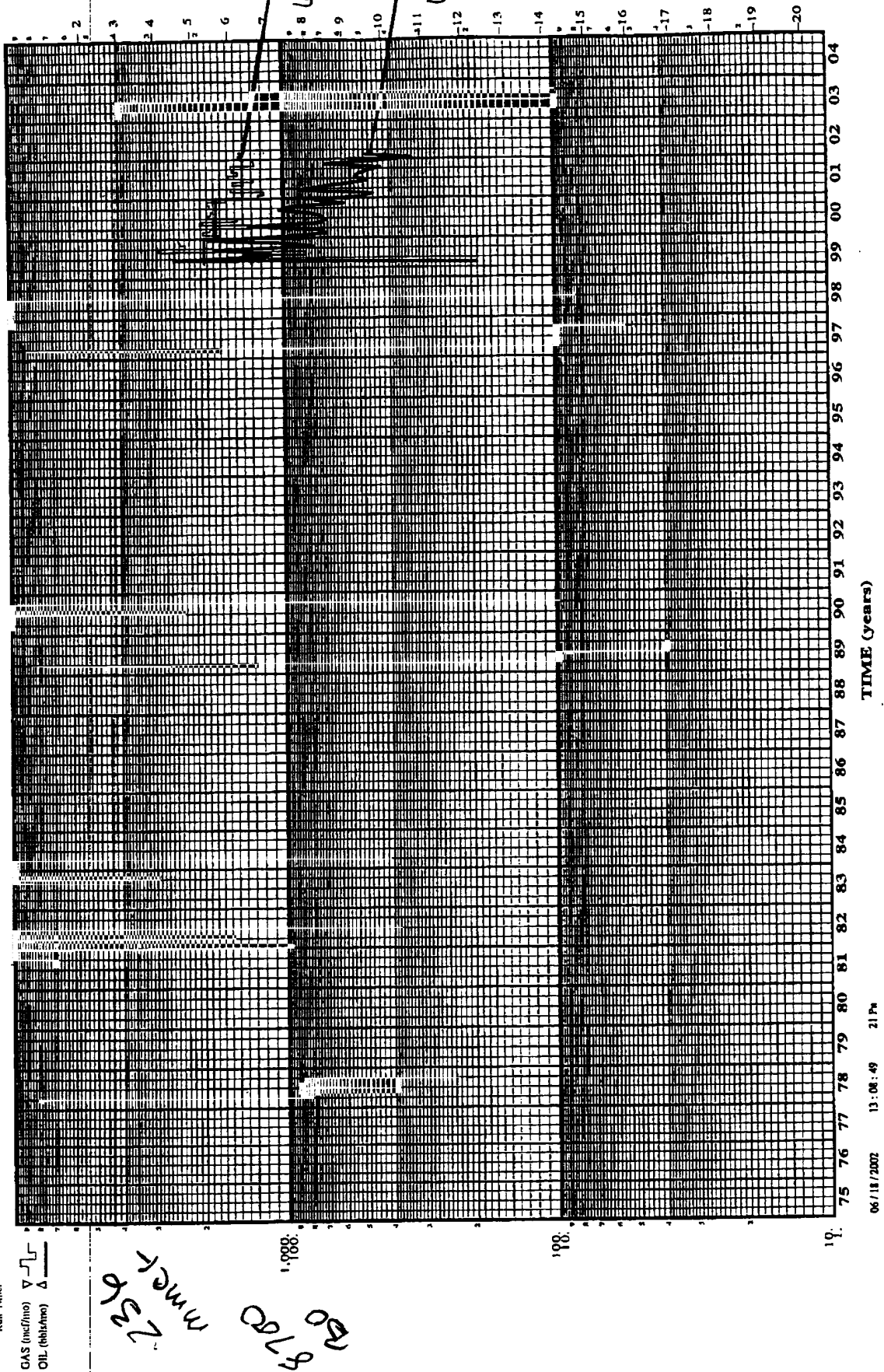
XTO Energy Inc.

SCHWERTFEGER A

XTO ENERGY  
WILDCAT (GALLUP)  
SAN JUAN, NEW MEXICO

6S 27N 8W

Oil (bbls/mo)		Gas (mcf/mo)		Oil (bbls)		Gas (mcf)		Res. Cat.	
Oil	0	0	0	0	0	0	0	As of Date	0.000
Decline	0.0 %	0.0 %	0.0 %	0	0	0	0	Design life	
				2,789	0	56,262	0	Q-Over	
				0	0	0	0	Q-Under	
								Q-Other	
W1: 0.00000 %		Oil Price (\$/bbl)		Final Life (years)		First Production		P.W. @ 0.0 %	
NRI: 0.00000 %		0.00		0.0		05/99/02/02		\$ 0	
		Gas Price (\$/mcf)		OPC (\$/bbl)		Net Cash Flow		\$ 0	
		0.00		0.00					

Run Date :  
Run Time :GAS (mcf/mo) ▽  
OIL (bbls/mo) Δ



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

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

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 <b>30-045-31052</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>OTERO CHACRA</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>SCHWERTFEGER "A"</b>	<sup>6</sup> Well Number <b>5F</b>
<sup>7</sup> GRID No. <b>167067</b>	<sup>8</sup> Operator Name <b>XTO ENERGY INC.</b>	<sup>9</sup> Elevation <b>6429'</b>

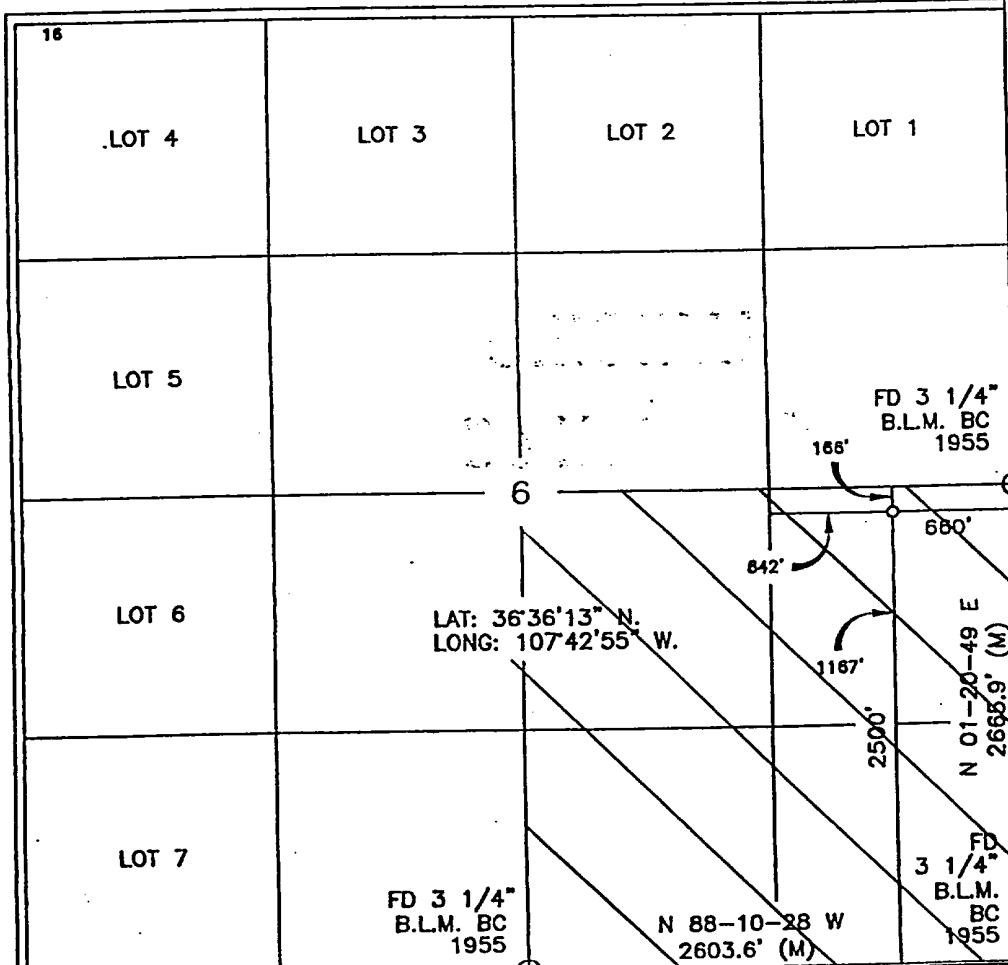
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>	<b>6</b>	<b>27-N</b>	<b>8-W</b>		<b>2500'</b>	<b>SOUTH</b>	<b>660'</b>	<b>EAST</b>	<b>SAN JUAN</b>

<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 <b>160 SE/4</b>			<sup>13</sup> Joint or Infill <b>I</b>		<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



17 OPERATOR CERTIFICATION

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

*Darrin Steed*  
Signature  
**Darrin Steed**  
Printed Name  
**Operations Engineer**  
Title  
**6/11/02**  
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 knowledge and belief

**NEW MEXICO**  
State of Survey  
**8894**  
Signature and Seal of Professional Surveyor  
**8894**  
Certificate Number

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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 30-045-31052	<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name BLANCO MESAVERDE
<sup>4</sup> Property Code	<sup>5</sup> Property Name SCHWERTFEGER "A"	<sup>6</sup> Well Number 5F
<sup>7</sup> GRID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6429'

<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
1	6	27-N	8-W		2500'	SOUTH	660'	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
<sup>12</sup> Dedicated Acres 320.84 E/2					<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

16	LOT 4	LOT 3	LOT 2	LOT 1
LOT 5	FD 3 1/4" B.L.M. BC 1955			
LOT 6	LAT: 36°36'13" N. LONG: 107°42'55" W.			
LOT 7	FD 3 1/4" B.L.M. BC 1955			

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: 4-3-02

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.

NEW MEXICO  
Surveyor  
8894  
Professional Surveyor

Certificate Number: 8894

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-31052	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name WC Gallup
<sup>4</sup> Property Code	<sup>5</sup> Property Name SCHWERTFEGER "A"	<sup>6</sup> Well Number 5F
<sup>7</sup> GRID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6429'

<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
1	6	27-N	8-W		2500'	SOUTH	660'	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
<sup>12</sup> Dedicated Acres 160 SE/4					<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

16	LOT 4				LOT 3				LOT 2				LOT 1			
LOT 5				LOT 6				LOT 7				17 OPERATOR CERTIFICATION				
<p>LAT: 36°36'13" N. LONG: 107°42'55" W.</p> <p>FD 3 1/4" B.L.M. BC 1955</p> <p>2500'</p> <p>660'</p> <p>1167'</p> <p>2665.9' (M)</p> <p>N 01-20-49 E</p> <p>N 88-10-28 W 2603.6' (M)</p>												<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><u>Darrin Steed</u> Signature Darrin Steed Printed Name Operations Engineer Title 6/25/02 Date</p>				
18 SURVEYOR CERTIFICATION												<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 knowledge.</p> <p><u>ROBERT A. ROSEN</u> Professional Surveyor 8894 Certificate Number</p>				

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

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 30-045-31052	<sup>2</sup> Pool Code 71599	<sup>3</sup> Pool Name BASIN DAKOTA
<sup>4</sup> Property Code	<sup>5</sup> Property Name SCHWERTFEGER "A"	<sup>6</sup> Well Number 5F
<sup>7</sup> GRID No. 167067	<sup>8</sup> Operator Name XTO ENERGY INC.	<sup>9</sup> Elevation 6429'

<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
1	6	27-N	8-W		2500'	SOUTH	660'	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
<sup>12</sup> Dedicated Acres 320.84 E/2				<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

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 <u>Jeffrey W Patton</u> Printed Name <u>JEFFREY W PATTON</u> Title <u>DRILLING ENGINEER</u> Date <u>4-3-02</u>
	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 Seal of Professional Surveyor: <u>Jeffrey W. Patton</u> Certificate Number <u>8894</u>				

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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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.

DARRIN STEED  
Print or Type Name

Darrin Steed  
Signature

Operations Engineer 6/26/02  
Title Date

Darrin - Steed@XTO Energy.com  
e-mail Address

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 20005. Lease Serial No.  
NMSF079319

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
SCHWERTFEGER A 5F9. API Well No.  
30-045-3105210. Field and Pool, or Exploratory  
LISTED BELOW IN SECTION 1311. County or Parish, and State  
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
XTO ENERGY INC.Contact: HOLLY PERKINS  
E-Mail: Holly\_Perkins@xtoenergy.com3a. Address  
2700 FARMINGTON AVE, BLDG K, SUITE 1  
FARMINGTON, NM 874013b. Phone No. (include area code)  
Ph: 505.324.1090 Ext: 4020  
Fx: 505.564.6700

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

Sec 6 T27N R08W NESE 2500FSL 660FEL

**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Subsurface Commingling
	<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 site is ready for final inspection.)

FIELD &amp; POOL: Otero Chacra/Blanco Mesaverde/WC Gallup/Basin Dakota

Please find attached an application form requesting administrative approval to downhole commingle this well. The Dakota, Gallup, Mesaverde and Chacra formations occupy a common lease. All supporting data for the Dakota, Mesaverde and Chacra was submitted with the Florance #66F sundry.



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #12367 verified by the BLM Well Information System  
For XTO ENERGY INC., sent to the Farmington

Name (Printed/Typed) DARRIN STEED

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 06/27/2002

**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, 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***