7/22/04 7/23/04 pWJ0420355725 DHC-3319

2700 Farmington Ave, K-1 Farmington, NM 87401
Phone: (505) 324-1090 FAX: (505) 564-6700

July 20, 2004

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

RECEIVED

JUL 2 2 2004

OIL CONSERVATION DIVISION

Subject: Application for Downhole Commingle
Schwerdtfeger A #20
Unit G Sec 08-T27N- R08W; 30-045-06669
Basin Dakota/Basin Mancos/Blanco Mesaverde 30-045-06669
NMSF079319; San Juan, NM

Dear Mr. Jones:

Enclosed please find an administrative application form (C107A) and attachments for downhole commingling for the captioned well. All interests are common in all zone's spacing units. Commingling of zones will not reduce the recovery of the three pools, will improve recovery of liquids, thus eliminating redundant surface equipment. Waste will not result and correlative rights will not be violated. Notice of our intent has been filed with the BLM on form 3160-5.

Any questions pertaining to this matter, please call me at (505) 324-1090.

Sincerely,

Holly C. Perkins

Holly C. Perkins
Regulatory Compliance Tech

xc: Wellfile
OCD, Aztec Office

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

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised May 08, 2003

WELL API NO. 30-045-06669

5. Indicate Type of Lease STATE ☐ FEE ☐

6. 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.)

7. Lease Name or Unit Agreement Name: SCHWERDTFEGER A

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number 20

2. Name of Operator XTO Energy Inc.

9. OGRID Number 167067

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

10. Pool name or Wildcat BASIN DAKOTA

4. Well Location

Unit Letter G : 2080 feet from the NORTH line and 1900 feet from the EAST line

Section 08 Township 27N Range 08W NMPM County SAN JUAN

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: DOWNHOLE COMMINGLE ☒		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. requests permission to recomplete the Basin Mancos and the Blanco Mesaverde formations. We request an exception to Rule 303A to downhole commingle production from the Basin Dakota (71599), the Blanco Mesaverde (72319) and the Wildcat Basin Mancos (97232). See attachments 1-8 for supporting documentation and plats for this well. Ownership is common in all zones spacing unit. A sundry has also been filed with the BLM.

Proposed Gas Allocation	Dakota - 39%	Mesaverde - 56%	Mancos - 05%
Proposed Oil Allocation	Dakota - 47%	Mesaverde - 34%	Mancos - 19%
Proposed Water Allocation	Dakota - 46%	Mesaverde - 44%	Mancos - 10%

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 COMPLIANCE TECH DATE 7/20/04

Type or print name HOLLY C. PERKINS Telephone No. 505-324-1090

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

District I
1625 N. French Drive, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
Well
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

Oil Conservation Division
1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
__X__ Single
____Establish Pre-Approved Pools
EXISTING WELLBORE
__X__ Yes ____No

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

SCHWERDTFEGER A | 20 | UL G, SEC 08, T27N, R08W | SAN JUAN
Lease | Well No. | Unit Letter-Section-Township-Range | County

OGRID No. 167067 Property Code _____ API No. 30-045-06669 Lease Type: __X__ Federal ____State ____Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	WILDCAT BASIN MANCOS	BLANCO MESAVERDE	BASIN DAKOTA
Pool Code	97232	72319	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6320' – 6768'	5188' – 5359'	7285' – 7407'
Method of Production (Flowing or Artificial Lift)	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)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	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 19% Gas 05% Water 10%	Oil 34% Gas 56% Water 44%	Oil 47% Gas 39% Water 46%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes__X__ 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__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_____ 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 COMPLIANCE TECH DATE 7/20/04
TYPE OR PRINT NAME HOLLY C. PERKINS TELEPHONE NO. (505) 564-6720
E-MAIL ADDRESS holly_perkins@xtoenergy.com

WORKOVER PROCEDURE
SCHWERDTFEGER A #20
SEC 8, T 27 N, R 08 W
SAN JUAN COUNTY NEW MEXICO

Formation:	Basin Dakota
Surface csg:	10-3/4", 32.75# csg @ 294'. Circ cmt.
Intermitted csg:	7-5/8", 26.4#, J-55 csg @ 5,029'.
Production csg:	4-1/2", 10.5#, K-55 csg @ 7,466'. PBTD 7,416'.
Tbg:	236 jts 2-3/8", 4.7#,J-55, EUE, 8rd tbg, SN, PS and BPMA. EOT @ 7,413'. SN @ 7,377'.
Perf's:	DK: 7,285'-7,407' (64 holes).
Work over reason:	Recomplete to the Gallup & Mesaverde formations.

1. Obtain necessary regulatory approvals to OAP and DHC the Dakota, Mancos and Mesaverde formations.

2. MI and set 4 - 400 bbl frac tanks and fill with 2% KCl water. Set flowback tank.

3. MIRU PU. MI 195 jts (6,100') 2-7/8", 6.4#, N-80, EUE, 8rd tubing, 2 jts 2-3/8", 4.7#, N-80, EUE, 8rd tubing and 5 jts 2-3/8", 4.7#, J-55, EUE, 8rd tubing.

4. Blow well down and kill well with 2% KCl water.

5. ND WH. NU and pressure test BOP.

6. TIH with 2-3/8" tubing. Tag fill. Report any fill to Loren Fothergill.

7. TOH with 2-3/8" tubing. TIH with 4-1/2" CBP and tubing to 7,000'. Set CBP at 7,000'. Circulated wellbore clean. TOH with tubing. TIH with 4-1/2" Baker model "R" packer, SN and 2-3/8" tubing to 4,700'. Set packer at 4,700'.

8. Load 7-5/8" x 4-1/2" casing annulus with 2% KCl water and corrosion inhibitor. Pressure annulus to 500 psig, if possible. If the annulus fails pressure test call Loren Fothergill before pressure testing 4-1/2" x 2-3/8" T/C annulus to 500 psig for 30 minutes. Pressure test the 4-1/2" casing from 4,700' to 7,000' to 3,000 psig for 30 minutes. Release packer. TOH with tubing and packer.

9. MIRU wireline truck. Log well with GR/CCL log from 7,000' to 4,000'. Correlate with the Schwerdtfeger A #20 Welex Gamma Induction log date 12/7/61. Perforate Mancos formation at 6,768', 6,656', 6,652', 6,625', 6,545', 6,543', 6,534', 6,532', 6,530', 6,528', 6,478', 6,476', 6,474', 6,471', 6,469', 6,415', 6,398', and 6,320' with 1 JSPF (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene., 18 holes). RDMO wireline services.

10. PU and TIH with 4-1/2" Baker model "R" packer, SN and 2-3/8" tubing to 6,000'. Set packer at 6,000'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

11. RU Halliburton acid truck. Breakdown perforations from 6,320'-6,768' down tubing and establish an injection rate with 2% KCl water. Pump 800 gals 15% NEFE HCl acid and 27 – 7/8" RCN BS at 5 BPM. Over displace acid to bottom perforation by 2 bbls. Record ISIP, 5", 10" and 15" SIP's. RDMO Halliburton acid truck.

12. Release packer and TIH to 6,800' to knock balls off perfs. TOH with 2-3/8" tubing and packer.

13. TIH with 4-1/2" Baker model "R" packer, 2 jts 2-3/8", N-80 tubing and 2-7/8" frac string to 6,000'. Set packer at 6,000'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

14. MIRU frac equipment. Frac Mancos perforations from 6,320'-6,768' down 2-7/8" frac string with 45,500 gals 65Q CO2 foamed, 30# XL gelled 2% KCl water with 76,500# 20/40 Ottawa sd and 20,000# 20/40 Super LC RC sd.

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	20	30# 60Q foam	9,000		
2	20	30# 60Q foam	7,000	1	7,000# 20/40 Ottawa
3	20	30# 60Q foam	8,000	2	16,000# 20/40 Ottawa
4	20	30# 60Q foam	8,500	3	25,500# 20/40 Ottawa
5	20	30# 60Q foam	7,000	4	28,000# 20/40 Ottawa
5	20	30# 60Q foam	5,000	4	20,000# 20/40 SLC
Flush	20	30# linear gel	1,645		

Estimated MTP 6,500 psig. Max IR 20 BPM. RD frac equipment.

15. Leave well SI for 3 hours for Super LC sand to set.

16. Flow back well thru a choke manifold to pit. Start with 1/8" choke. Increase choke size as appropriate to limit sand flow back.

17. Flow back well overnight. Kill well. Release packer and TOH.

18. MIRU wireline services. RIH and set a 4-1/2" CBP at 5,500'. (Check to ensure that CBP is not set in casing collar). Pressure test CBP to 500 psig. Release pressure.

19. Perforate the Point Lookout formation from 5,359', 5,325', 5,317', 5,298', 5,295', 5,282', 5,279', 5,277', 5,238', 5,236', 5,208', 5,206', 5,202', 5,198', 5,196', 5,194', 5,190' and 5,188' with 1 JSPF (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene., 18 holes). POH with casing gun. RDMO wireline services.

20. TIH with 4-1/2" Baker model "R" packer, SN and 2-3/8" tubing to 4,900'. Set packer at 4,900'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

21. RU Halliburton acid truck. Breakdown Point Lookout perforations from 5,188'-5,359' down tubing and establish an injection rate with 2% KCl water. Pump 800 gals 15% NEFE HCl acid and 27 – 7/8" RCN BS at 5 BPM. Over displace acid to bottom perforation by 2 bbls. Record ISIP, 5", 10" and 15" SIP's. RDMO Halliburton acid truck.

22. Release packer and TIH to 5,400' to knock balls off perfs. TOH with 2-3/8" tubing and packer.

23. TIH with 4-1/2" Baker model "R" packer, 2 jts 2-3/8", N-80 tubing and 2-7/8" frac string to 4,900'. Set packer at 4,900'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

24. Frac Point Lookout perforations 5,188'-5,359' down frac string with 80,000 gallons 70Q N2 foamed, 20# linear gelled 2% KCl water and 125,000# 20-40 Brady sand with 30,000# Super LC resin coated sand in 3 ppg stage as follows:

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	25	20# 70Q foam	15,000		
2	25	20# 70Q foam	10,000	1	10,000# 20/40 Brady
3	25	20# 70Q foam	20,000	2	40,000# 20/40 Brady
4	25	20# 70Q foam	25,000	3	75,000# 20/40 Brady
5	25	20# 70Q foam	10,000	3	30,000# 20/40 Super LC
Flush	25	20# linear gel	1,450		
Total					

Estimated MTP 4,000 psig. Max IR 25 BPM. RD frac equipment.

25. Leave well SI for 3 hours for Super LC sand to set.

26. Flow back well thru a choke manifold to pit. Start with 1/8" choke. Increase choke size as appropriate to limit sand flow back.

27. Flow back well overnight. Kill well and release packer and TOH.

28. MIRU wireline services. RIH and set a 4-1/2" CBP at 5,100'. (Check to ensure that CBP is not set in casing collar). Pressure test CBP to 500 psig. Release pressure.

29. Perforate the Menefee formation from 5,000'-26', 4,790'-4,805' and 4,771'-83' with 1 JSP3F (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene., 18 holes). POH with casing gun. RDMO wireline services. RDMO wireline services.

30. TIH with 4-1/2" Baker model "R" packer, SN and 2-3/8" tubing to 4,700'. Set packer at 4,700'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

31. Release packer and TIH to 5,050' to knock balls off perfs. TOH with 2-3/8" tubing and packer.

32. TIH with 4-1/2" Baker model "R" packer, 2 jts 2-3/8", N-80 tubing and 2-7/8" frac string to 4,600'. Set packer at 4,600'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

33. RU Halliburton acid truck. Breakdown Menefee perforations from 4,771'-5,026' down tubing and establish an injection rate with 2% KCl water. Pump 800 gals 15% NEFE HCl acid and 27 – 7/8" RCN BS at 5 BPM. Over displace acid to bottom perforation by 2 bbls. Record ISIP, 5", 10" and 15" SIP's. RDMO Halliburton acid truck.

34. Frac Menefee perforations 4,771'-5,026' down frac string with 80,000 gallons 70Q N2 foamed, 20# linear gelled 2% KCl water and 125,000# 20-40 Brady sand with 30,000# Super LC resin coated sand in 3 ppg stage as follows:

Stage	BPM	Fluid	Vol Gals	Prop Conc	Prop
Pad	25	20# 70Q foam	15,000		
2	25	20# 70Q foam	10,000	1	10,000# 20/40 Brady
3	25	20# 70Q foam	20,000	2	40,000# 20/40 Brady
4	25	20# 70Q foam	25,000	3	75,000# 20/40 Brady
5	25	20# 70Q foam	10,000	3	30,000# 20/40 Super LC
Flush	25	20# linear gel	1,450		
Total					

Estimated MTP 4,000 psig. Max IR 25 BPM. RD frac equipment.

35. Leave well SI for 3 hours for Super LC sand to set.

36. Flow back well thru a choke manifold to pit. Start with 1/8" choke. Increase choke size as appropriate to limit sand flow back.

37. Flow back well overnight. Kill well and release packer. TOH and lay down frac string.

38. MIRU wireline truck. RIH with CBP to 4,700'. Set CBP at 4,700'. Pressure test CBP and casing to 500 psig.

39. Perforate Cliff House formation from 4,555'-72' with 1 JSP2F (Owen HSC-3125-306, 12 gm charges, 0.33" dia holes, 15.43" pene., 9 holes). RDMO wireline truck.

40. TIH with 4-1/2" Baker model "R" packer, SN and 2-3/8" tubing to 4,450'. Set packer at 4,450'. Check to ensure that the packer is not set in a casing collar. Pressure T/C annulus to 500 psig.

41. RU Halliburton acid truck. Breakdown Cliff House perforations from 4,555'-72' down tubing and establish an injection rate with 2% KCl water. Pump 600 gals 15% NEFE HCl acid and 14 – 7/8" RCN BS at 5 BPM and 4,000 psig (max). Over displace acid to bottom perforation by 1 bbl. Record ISIP, 5", 10" and 15" SIP's. RDMO Halliburton acid truck.

42. Swab well in and test well as necessary. If Cliff House is productive continue to step 43. If Cliff House is non productive, squeeze off perforations with squeezed designed by Loren W. Fothergill based upon the results of the testing.

43. MIRU AFU. TIH with 3-7/8" mill, SN and 2-3/8" tbg. Tag fill. MO CBP at 4,700'. CO sand to 5,100' with AFU. MO CBP at 5,100'. TIH and CO sand to 5,500'. MO CBP at 5,500'. TIH and CO sand to CBP at 7,000'. MO CBP at 7,000'. TIH and CO to PBTD at 7,416'. Circ well clean.

44. TOH with 2-3/8" tbg and mill. TIH with NC, SN and tbg to 7,413'.

45. RU swab. Swab well until clean fluid is obtained.

46. TOH with tbg, SN and NC. TIH with 2-3/8" OPMA, Cavin 2301 G desander, 4' x 2-3/8" tbg sub, SN and 92 jts 2-3/8" tbg, Baker TAC and 143 jts 2-3/8" tbg. Land tbg at ± 7,399'. SN at ±7,344'.

47. ND BOP. NU WH.

48. TIH with 2" x 1-1/2" x 12' RWBC-Z-DV pump, RHBO tool, 1' lift sub 12 – 7/8" new grade "D" rods, 168 - 3/4" new grade "D" and 114 - 7/8" new grade "D" rods to surface.

49. Space out pump. HWO. Load tubing and check pump action.

50. RDMO PU.

51. MI and set C-160-200-74 ppg unit (ECB 16,000 lbs) with a C 96 gas engine. Set stroke length at 65" (2^{nd} hole).

52. Start well pumping at 6 SPM and 65" SL.

53. Report rate and pressures to Loren Fothergill.

Schwerdtfeger A #24 Offset EUR Analysis
Schwerdtfeger A #20 Offset EUR Analysis

Reservoir	Average Oil EUR (bbl)	Average Gas EUR (Mscf)
Dakota	7694	860802
Gallup	3123	123992
Mesaverde	5490	1240682

Form C-128 (6-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date NOVEMBER 2, 1961

Operator XTO ENERGY INC Lease SCHWERDTFEGER "A" SF 079319

Well No. 20 Unit Letter G Section 8 Township 27-N Range 8-W NMPM

Located 2080 Feet From NORTH Line, 1900 Feet From EAST Line

County SAN JUAN G. L. Elevation 6731 Dedicated Acreage 320 Acres

Name of Producing Formation DAKOTA Pool BASIN DAKOTA

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
   Yes X No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner	Land Description

Section B.

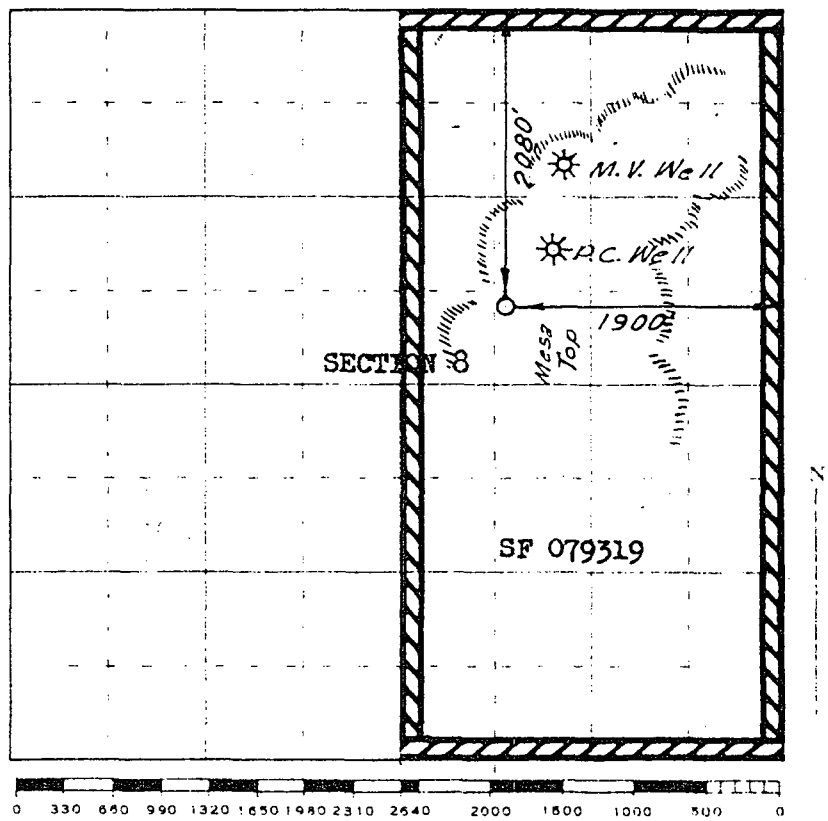
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

XTO ENERGY INC
(Operator)

Original Signed D. W. Meehan
(Representative)

(Address)
Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed OCTOBER 31, 1961

David O. Vickers
Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

Form C-128 (6-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date NOVEMBER 2, 1961

Operator XTO ENERGY INC Lease SCHWERDTFEGER "A" SF 079319

Well No. 20 Unit Letter G Section 8 Township 27-N Range 8-W NMPM

Located 2080 Feet From NORTH Line, 1900 Feet From EAST Line

County SAN JUAN G. L. Elevation 6731 Dedicated Acreage 320 Acres

Name of Producing Formation Blanco Mesaverde Pool Mesa Verde

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
   Yes X No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner	Land Description

Section B.

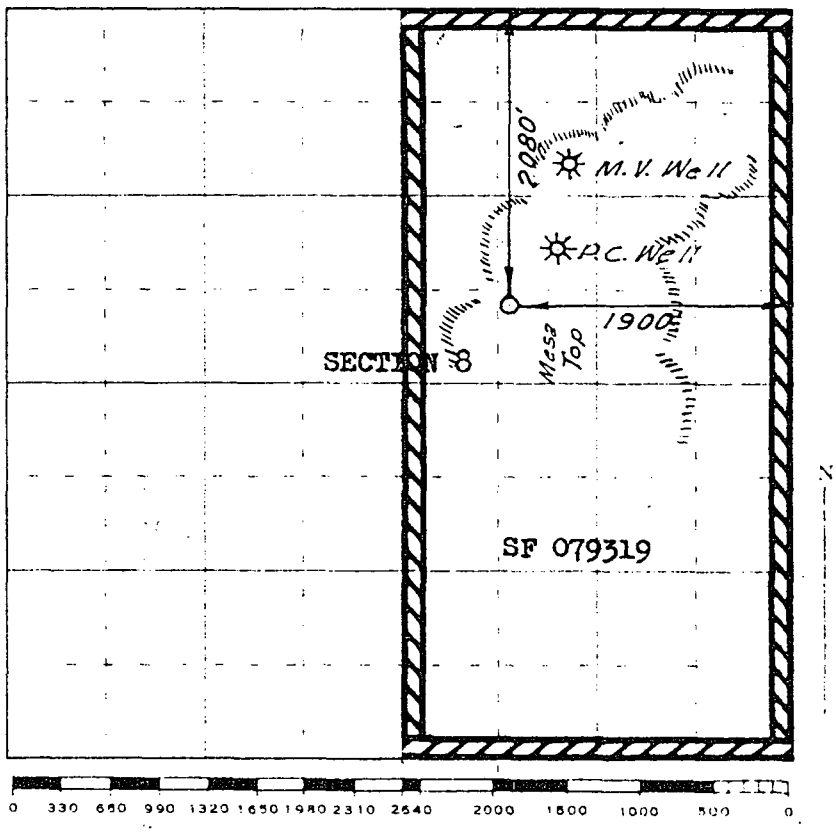
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

XTO ENERGY INC
(Operator)

Original Signed D. W. Meehan
(Representative)

(Address)
Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed OCTOBER 31, 1961

David O. Vickers
Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

Form C-128 (6-57)

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date NOVEMBER 2, 1961

Operator XTO ENERGY INC Lease SCHWERDTFEGER "A" SF 079319

Well No. 20 Unit Letter G Section 8 Township 27-N Range 8-W NMPM

Located 2080 Feet From NORTH Line, 1900 Feet From EAST Line

County SAN JUAN G. L. Elevation 6731 Dedicated Acreage 320 Acres

Name of Producing Formation MANCOS Pool WILDCAT BASIN MANCOS

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
   Yes X No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner	Land Description

Section B.

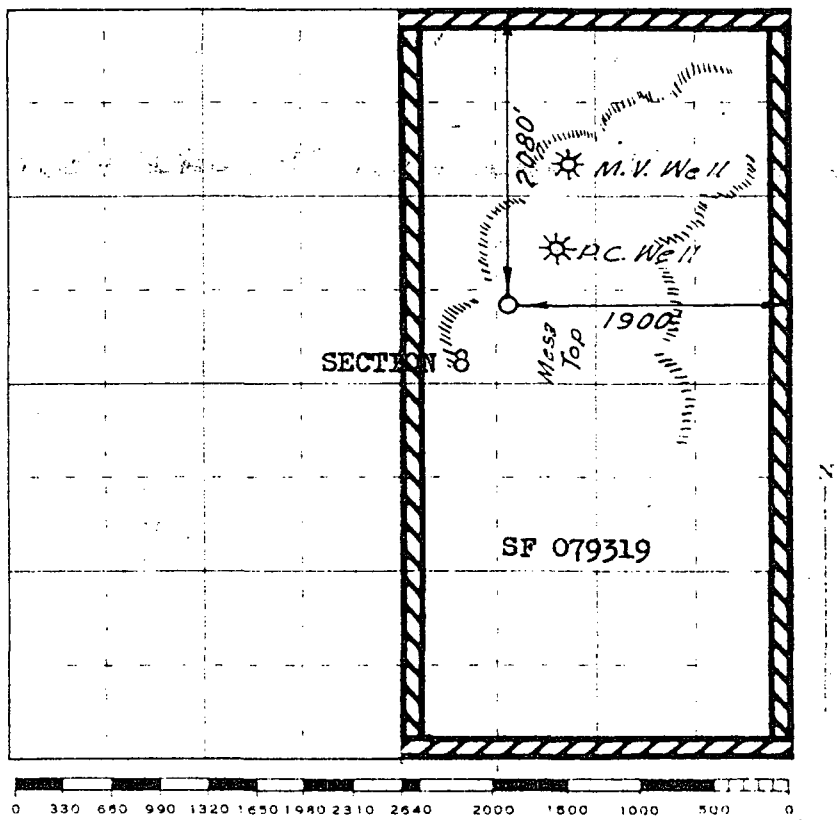
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

XTO ENERGY INC
(Operator)

Original Signed D. W. Meehan
(Representative)

(Address)
Farmington, New Mexico

Note: All distances must be from outer boundaries of section.



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed OCTOBER 31, 1961

David O. Vickers
Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

Schwerdtfeger A #20 Offset EUR Analysis

Reservoir	Average Oil EUR (bbl)	Average Gas EUR (Mscf)	Allocation PerCent MCFPD	BOPD	BWPD
Dakota	7694	860802	39	47	46
Gallup	3123	123992	5	19	10
Mesaverde	5490	1240682	56	34	44
	16307	2225477			

	Average Wtr CUM
Dakota	1204
Gallup	261
Mesaverde	1143
	2608

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.

5. Lease Serial No.
NMSF079319

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SCHWERDTFEGER A 20

2. Name of Operator
XTO ENERGY INC.

Contact: HOLLY PERKINS
E-Mail: Regulatory@xtoenergy.com

9. API Well No.
30-045-06669

3a. Address
2700 FARMINGTON AVE, SUITE K-1
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505.324.1090 Ext: 4020
Fx: 505.564.6700

10. Field and Pool, or Exploratory
BASIN DK/BLANCO MV/BASIN MC

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

Sec 8 T27N R08W SWNE 2080FNL 1900FEL
36.59063 N Lat, 107.70157 W Lon

11. County or Parish, and State

SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Subsurface Commingling
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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.)

XTO Energy Inc. is requesting to open additional pay in the Blanco Mesaverde and Basin Mancos formations and to downhole commingle with the existing Basin Dakota formation. We request an exception to Rule 303A to downhole commingle production from the Basin Dakota pool (71599), the Blanco Mesaverde pool (72319) and the Wildcat Basin Mancos pool (97232). See attachments for supporting documentation and plats for this well. Ownership is common in all zones spacing unit. A sundry has been filed with the NMOCD.

Proposed Gas Allocation Dakota - 39% Mesaverde - 56% Mancos - 05%
Proposed Oil Allocation Dakota - 47% Mesaverde - 34% Mancos - 19%
Proposed Water Allocation Dakota - 46% Mesaverde - 44% Mancos - 10%

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #33175 verified by the BLM Well Information System For XTO ENERGY INC., will be sent to the Farmington

Name *(Printed/Typed)* HOLLY PERKINS — Title REGULATORY COMPLIANCE TECH

Signature (Electronic Submission) — Date 07/20/2004

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.

**** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ** DRAFT ****