

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

Form C-104B  
March 19, 2001

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit 1 copy of the final affected wells  
list along with 1 copy of this form per  
number of wells on that list to  
appropriate District Office

## Change of Operator Name

OGRID: 167067  
Effective Date: 6/1/2001

### Previous Operator Name and Information:

Name: Cross Timbers Operating Company  
Address: 2700 Farmington Ave  
Address: Building K, Suite 1  
City, State, Zip: Farmington, NM 87401

### New Operator Name and Information:

New Name: XTO Energy Inc.  
Address: 2700 Farmington Ave  
Address: Building K, Suite 1  
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature:   
GARY L. MARKESTAD

Printed name: VICE-PRESIDENT, SAN JUAN REGION

Title: \_\_\_\_\_  
Date: 5/23/01 Phone: 505-324-1090 x-4001



### NMOCD Approval

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

District: \_\_\_\_\_

Date: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau 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

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

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. PhoneNo. (include area code)

NM 8740505-324-1090

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

1090'FNL & 1550'FEL, UNIT B, SEC 8, T27N, R8W

5. 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.

SCHWERDTFEGER A LS #13

9. API Well No.

30-045-06705

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

SAN JUAN

NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other SURFACE

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

COMMINGLE

☐ 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 approximated 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. proposes to surface commingle this well per the attached documents.

*Surface commingle to be completed by 1/1/02*

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

Name (Printed/Typed)

DARRIN STEED

Title

OPERATIONS ENGINEER

Date

12/14/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Jim Lovato

Title

Date

JAN - 3 2002

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, 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.

(Instructions on reverse)

NMOCO



November 28, 2001

Mr. David Catanach  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

RE: Administrative Approval to Surface Commingle  
Schwerdtfeger A LS #5, #13 & #20  
Sec 8, T-27-N R-8-W  
San Juan County, New Mexico

Dear Mr. Catanach,

XTO Energy, Inc. (XTO) requests administrative approval to surface commingle the Schwerdtfeger A LS #5, #13 & #20. All gas would be surfaced commingled through a single existing wellhead compressor. Each well's oil and water production will be kept separate and not commingled.

Utilizing a single wellhead compressor will help all three wells overcome sales line pressure and thereby maximize each well's productivity. The lower operating costs resulting from shared compression will extend the economic life of all wells thus increasing their ultimate recoveries.

The following are enclosed for your review of the proposed surface commingling amendment.

1. Well information table.
2. Gas production allocation formula sheet.
3. Battery schematic of proposed installation.
4. Well location plat.

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

Sincerely,  
XTO ENERGY, INC

A handwritten signature in cursive script, appearing to read 'Darrin Steed'.

Darrin L. Steed  
Operations Engineer

Enclosures

Cc: Gary Markestad  
Well File  
DLS File

C:\Work\Surface Commingles\Schwerdtfeger A LS #5, #13 & #20.doc

# Schwerdtfeger A LS #5, #13 & #20

## Well Information

	Schwerdtfeger A LS #5	Schwerdtfeger A LS #13	Schwerdtfeger A LS #20
Location	Sec 8G, T27N R8W	Sec 8B, T27N R8W	Sec 8G, T27N, R8W
Formation	Pictured Cliffs	Mesaverde	Dakota
API #	30-045-06677	30-045-06705	30-045-06669
Pool Name	Blanco	Blanco	Basin
Pool Code	72359	72319	71599
Gas Gravity	.635	.812	.756
Gas Rate (MCFD)	0	75	151
Oil Gravity	NA	55	58
Oil Rate (BPD)	0	1.0	0.3
Water Rate (BPD)	0	0.1	0

## Gas Allocation Formula

The El Paso Field Services (EPFS) meter and meter runs will remain in place. Gas volumes for the Schwerdtfeger A LS #13 will be determined by the following formula:

$$\text{Schwerdtfeger A LS \#13 Production} = \text{Meter \#72138} - \text{Meter \#71176} - \text{Meter \#73171} \\ + \text{Allocated compressor fuel gas}$$

The compressor's fuel gas will be allocated equally all three wells. The fuel gas usage is estimated to be 9 MCFD for the compressor.

No commingling of oil or water will occur. Production and sales will be based on actual measured volumes from each well.

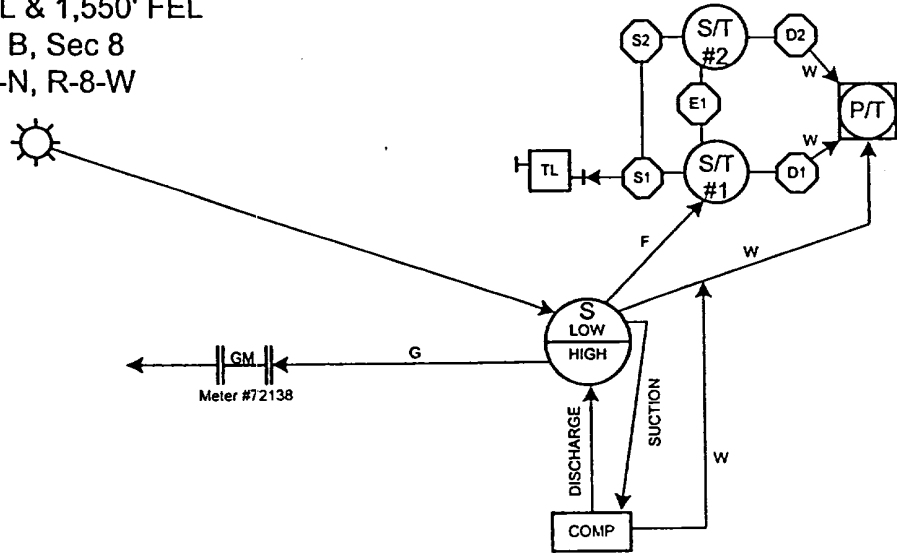
# XTO ENERGY

## Site Diagram for the Schwerdtfeger A LS #5, #13 & #20

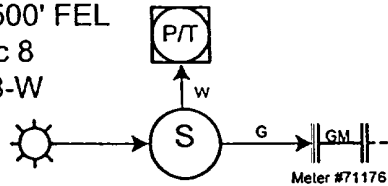
### Proposed Surface Commingling



**Schwerdtfeger A LS #13**  
 1,090' FNL & 1,550' FEL  
 Unit B, Sec 8  
 T-27-N, R-8-W

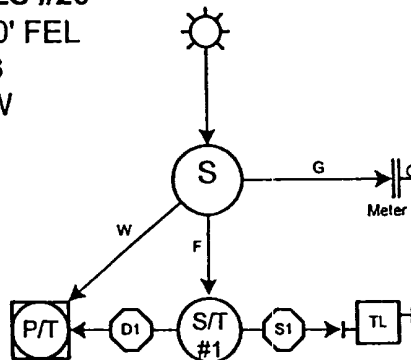


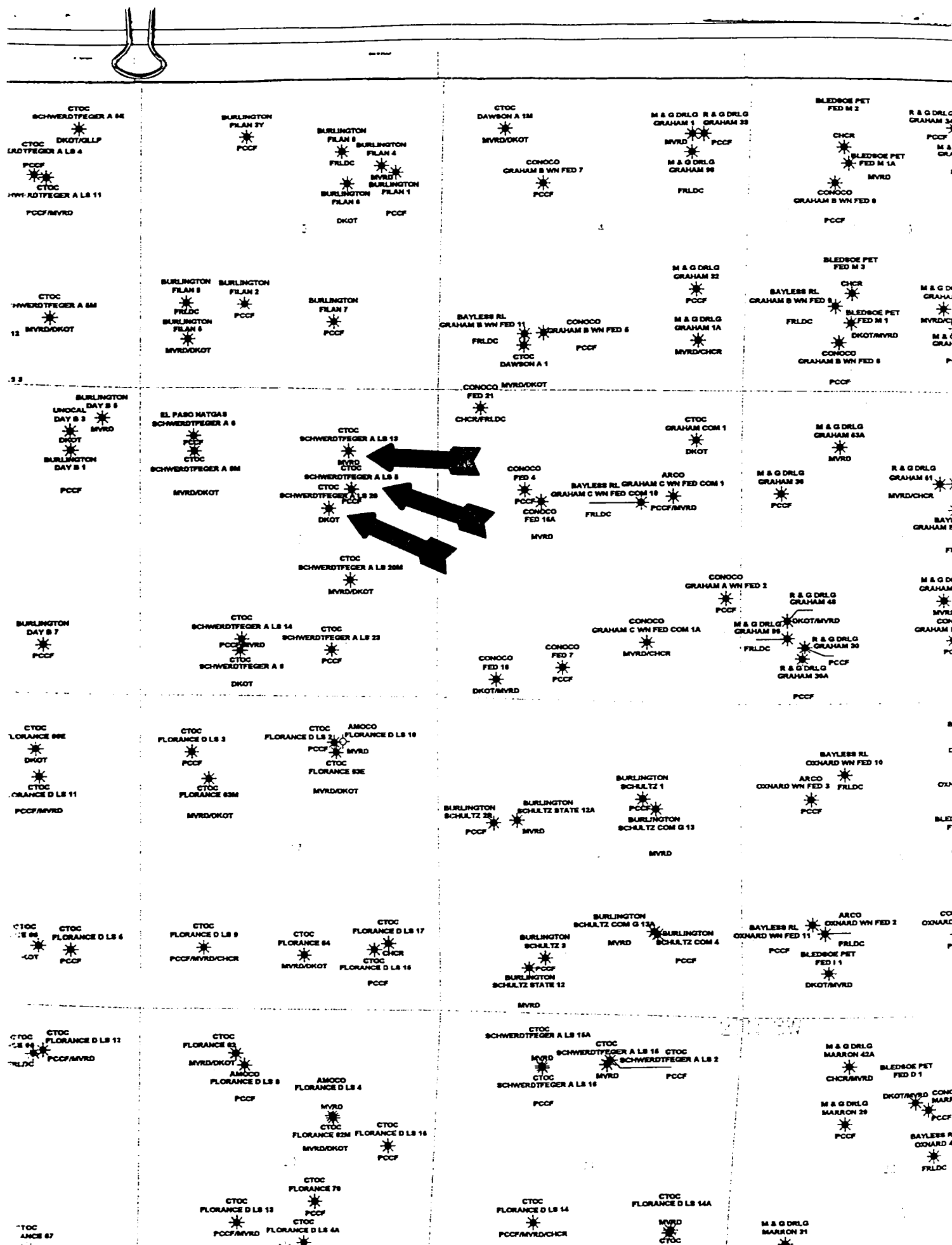
**Schwerdtfeger A LS #5**  
 1,750' FNL & 1,500' FEL  
 Unit G, Sec 8  
 T-27-N, R-8-W



Proposed 4" Steel Line  
 for Surface Commingling

**Schwerdtfeger A LS #20**  
 2,080' FNL & 1,900' FEL  
 Unit G, Sec 8  
 T-27-N, R-8-W







# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenberg

Director

Oil Conservation Division

SAN JUAN  
DEC 13 2001

COMMINGLING ORDER PC-1048

XTO Energy Inc.  
2700 Farmington Avenue  
Building K, Suite 1  
Farmington, New Mexico 87401

Attention: Mr. Darrin L. Steed

LEASE: Schwerdtfeger A "LS" No. 5 (API No. 30-045-06677)  
Blanco-Pictured Cliffs Gas Pool

DESCRIPTION: NE/4 of Section 8

LEASE: Schwerdtfeger A "LS" No. 13 (API No. 30-045-06705)  
Blanco-Mesaverde Gas Pool

DESCRIPTION: E/2 of Section 8

LEASE: Schwerdtfeger A "LS" No. 20 (API No. 30-045-06669)  
Basin-Dakota Gas Pool

DESCRIPTION: E/2 of Section 8

Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico

The above-named company is hereby authorized to commingle Blanco-Pictured Cliffs (Gas – 72359), Basin-Dakota (Prorated Gas – 71599) and Blanco-Mesaverde (Prorated Gas – 72319) Pool production from the above-described lease and to determine the production from each pool by:

Separately metering the production from the Schwerdtfeger A "LS" Nos. 5 and 20 utilizing allocation meters, and determining the production from the Schwerdtfeger A "LS" No. 13 by subtracting the production volumes from the Schwerdtfeger A "LS" Nos. 5 and 20 from the total sales volume, all in accordance with the formula set forth within the application to commingle. Oil production shall not be commingled. Compressor fuel gas usage will be allocated equally to each well.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

*Administrative Order PC-1048*

*XTO Energy, Inc.*

*December 10, 2001*

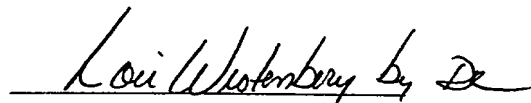
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REMARKS: The commingled natural gas production shall be delivered to a gas sales meter located in the NW/4 NE/4 of Section 8, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico.

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of commingling operations.

DONE at Santa Fe, New Mexico, on this 10th day of December, 2001.

A handwritten signature in black ink, appearing to read "Lori Wrotenbery by De". The signature is written over a horizontal line.

LORI WROTENBERY,  
Division Director

LW/DRC

cc: Oil Conservation Division- Aztec