

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 3b. Phone No. (include area code)  
2700 Farmington Ave., Bldg. K. Ste 1 Farmington, NM 87405 505-324-1090

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1750'FNL & 1500'FEL, UNIT G, 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.  
SCHWERTFEGER A LS #5

9. API Well No.  
30-045-06677

10. Field and Pool, or Exploratory Area  
BLANCO PICTURED CLIFFS

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                                   | 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 SURFACE |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | COMMINGLE   |
|  | <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 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 document.

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 - 2 2002

Office

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, 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)

NMOCB



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:

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

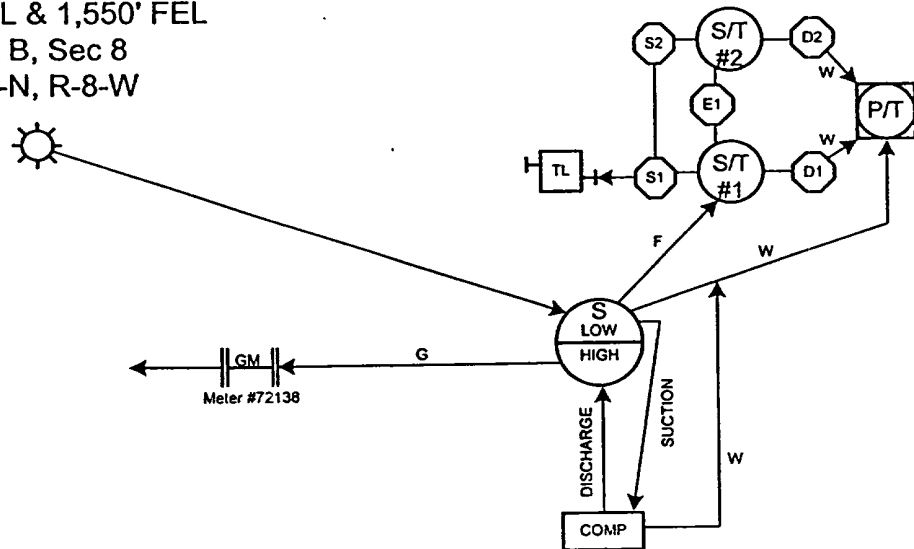
The compressor's fuel gas will be allocated equally all three wells. The fuel gas usage is estimated to be 9 MCFD for the compressor.

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

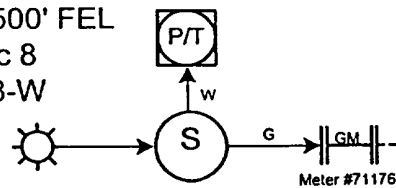
**XTO ENERGY**  
**Site Diagram for the Schwerdtfeger A LS #5, #13 & #20**  
**Proposed Surface Commingling**



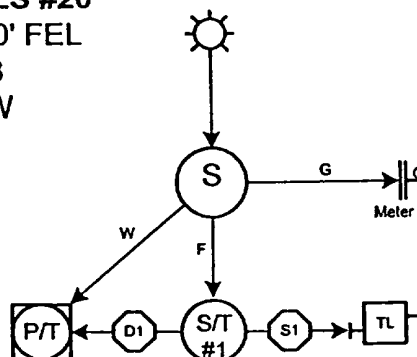
**Schwerdtfeger A LS #13**  
1,090' FNL & 1,550' FEL  
Unit B, Sec 8  
T-27-N, R-8-W

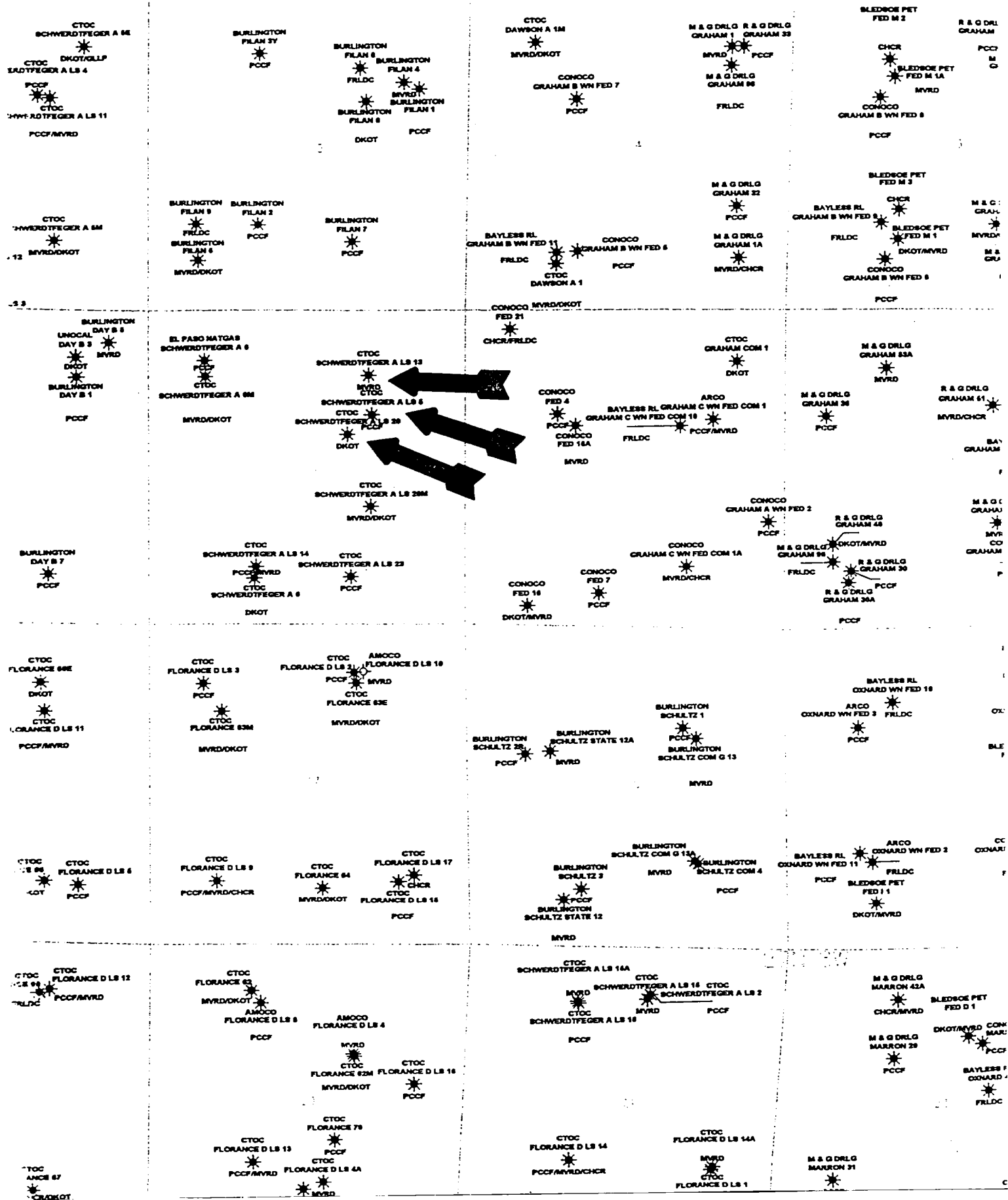
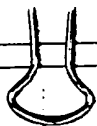


**Schwerdtfeger A LS #5**  
1,750' FNL & 1,500' FEL  
Unit G, Sec 8  
T-27-N, R-8-W



**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 Wrotenbery

Director

Oil Conservation Division

REC'D SAN JUAN  
JAN 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:

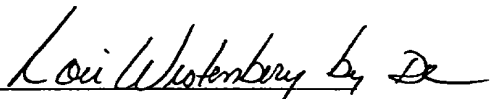
Separately metering the production from the Schwerdtfeger A "LS" Nos. 5 and 20 utilizing allocation meters, and determining the production from the Schwerdtfeger A "LS" No. 13 by subtracting the production volumes from the Schwerdtfeger A "LS" Nos. 5 and 20 from the total sales volume, all in accordance 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.

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.

  
LORI WROTENBERY,  
Division Director

LW/DRC

cc: Oil Conservation Division- Aztec

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**

|  |   |  |
|--|---|--|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>NMSF079319                            |
| 2. Name of Operator<br>XTO ENERGY INC.   |   | 6. If Indian, Allottee or Tribe Name                         |
| Contact: HOLLY PERKINS<br>E-Mail: Holly_Perkins@xtoenergy.com  |   | 7. If Unit or CA/Agreement, Name and/or No.                  |
| 3a. Address<br>2700 FARMINGTON AVE., BLDG K, SUITE 1<br>FARMINGTON, NM 87401   | 3b. Phone No. (include area code)<br>Ph: 505.324.1090 Ext: 4020<br>Fx: 505.564.6700 | 8. Well Name and No.<br>SCHWERTDFEGER A LS 5                 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 8 T27N R08W SWNE 1750FNL 1500FEL                   |   | 9. API Well No.<br>30-045-06677                              |
|  |   | 10. Field and Pool, or Exploratory<br>BLANCO PICTURED CLIFFS |
|  |   | 11. County or Parish, and State<br>SAN JUAN COUNTY, NM       |

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 checked="" 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 type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon  | <input type="checkbox"/> Temporarily Abandon       |   |
|  | <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 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. proposes to perform the following work:

1. MIRU PU.
  2. POH & LD prod string.
  3. MIRU AFU. Drill 6-1/4" hole fr/2949'-3125'.
  4. Run 3125' of 4-1/2", 10.5#, J-55 csg. Cmt w/80 sx Premium Lite HS FM (65/35 Poz Type III) w/6% gel, 1/4#/sx celloflake & 2% CaCl2 (12.5 ppg, 1.96 cuft/sx) followed by 43 sx Type III cmt (14.6 ppg, 1.37 cuft/sx). Est TDC to be @1000' FS. Run CBL to find TDC.
  5. Re-perforate & restimulate PC.
  6. Install ppg ut.
  7. RWTP.
  8. Surf commingle w/Schwerdtfeger A LS #13 & Schwerdtfeger A LS #20.
- \*\*Work to commence 1/21/02.\*\***

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

Electronic Submission #9560 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 12/03/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jim Lovato

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 \*\***

NMOCD

K



# Well Information System

## Final Submission Confirmation

You have saved a FINAL version of a Sundry Notice, which will be sent to the BLM.

Current status of Transaction Number **9560**:

Sundry Notice Type: **NOTICE OF INTENT-Deepen**

Date Sent: **12/3/2001**

Current status of submission: **RECVD**

Sent to BLM office: **Farmington**

Lease number: **NMSF079319**

Submitted attachments: **0**

Well name(s) and number(s):

**SCHWERDTFEGER A LS #5**

To use this Sundry Notice to file another   [click here.](#)

To view or print this Sundry Notice, [click here.](#)

To add/view or remove attachments previously submitted for this Sundry Notice, [click here.](#)

To return to the Previous Submissions screen, [click here.](#)

To return to the Operator Main Menu, [click here.](#)

