

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, 2000

5. Lease Serial No.  
**NMSF - 079319**

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

2. Name of Operator **AMOCO PRODUCTION COMPANY** Contact: **MARY CORLEY**  
E-Mail: **corleym@bp.com**

3a. Address **P.O. BOX 3092**  
**HOUSTON, TX 77253**

3b. Phone No. (include area code)  
Ph: **281.366.4491**  
Fx: **281.366.0700**

8. Well Name and No.  
**SCHWERTFEGER A 2X**

9. API Well No.  
**30-045-11905**

10. Field and Pool, or Exploratory  
**BASIN DAKOTA**

11. County or Parish, and State  
**SAN JUAN COUNTY, NM**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 31 T28N R8W Mer NWNW 1190FNL 790FWL**

**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 checked="" 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 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 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.)

Amoco Production Company intends to perform a casing leak repair on the subject well as per the attached well work procedure.



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

**Electronic Submission #5796 verified by the BLM Well Information System For AMOCO PRODUCTION COMPANY, sent to the Farmington Committed to AFMSS for processing by Geneva McDougall on 07/19/2001**

Name (Printed/Typed) **MARY CORLEY** Title **AUTHORIZED REPRESENTATIVE**

Signature \_\_\_\_\_ Date **07/19/2001**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By **/s/ Jim Lovato** Title \_\_\_\_\_ Date **AUG 21**

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.

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**NMOCD**

## Schwerdtfeger A #2X Procedure

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### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. Tag for fill, tally OH, and visually inspect 2-3/8" production tubing currently set at 6550'.
6. RIH with tubing-set 4-1/2" CIBP and 4-1/2" packer. Set CIBP at 6475'. Load the well with 2% KCL. PU 1 joint and set 4-1/2" packer. Pressure test CIBP to 500 psi. TOH and isolate casing leak using 4-1/2" packer.
7. After diagnosing the casing leak location and severity, squeeze casing leak as per Schlumberger design.
8. TIH with tubing and mill. Drill cement and pressure test squeeze job to 500 psi.
9. Drill CIBP set at 6475' and cleanout fill (if necessary) to PBTD at 6723. Blow well dry at PBTD.
10. RIH with 2-3/8" production tubing. Land 2-3/8" production tubing at 6650'.
11. ND BOP's. NU WH. Test well for air. Return well to production.

# Schwerdtfeger A #2X

Sec 31, T28N, R8W

API #: 30-045-11905

GL: 5876'

## History:

Completed in 2/97

3/83 - Sqz'd lower DK

7/83 - Reperf'd Dakota

8/85 - Sqz'd csg leak at 4715'

Squeeze holes, 4 spf, @ 4715'

- Sqz'd w/ 100 sxs cmt

- Resqueezed w/ 130 sxs in 8/85

## Original Dakota Perforations

6520' - 6706', 80 holes

frac'd w/ 70,000#s sand

## Reperforated Dakota

6510' - 6612' 56 holes

refrac'd w/ 38,000#s in 8/85

est. TOC @ surface (circ)

10-3/4" 32#, H40 ST&C @ 255'

200 sacks cmt

est. TOC @ surface (circ)

7-5/8" 24#, H40 ST&C @ 2361'

200 sxs cmt

DV tool @ 4723'

- DV tool did not open

\*\*\* Tight spot in casing @ 6181'

Tubing: 2-3/8" 4.7#, J55 @ 6550'

Cement Retainer @ 6625'

- DK sqz'd w/ 20 sxs cmt

4-1/2", 10.5#, J55, 8rd (5338' total, 0' - 5338')

4-1/2", 11.6#, J55 8rd (1393' on btm, 5338'-6731')

1st stage: 85 sxs cmt

PBTD: 6723'

## Notes:

1) According to Buddy Shaw (2/12/01) the well has a casing leak and the backside is full of oil.

updated: 7/3/01 jad