

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.*

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

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

5. Lease Serial No.  
NM-013685

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
SCHWERDTFEGER B 1R

9. API Well No.  
30-045-11825

10. Field and Pool, or Exploratory  
BLANCO MESAVERDE

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

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

2. Name of Operator  
BP AMERICA PRODUCTION COMPANY

Contact: CHERRY HLAVA  
E-Mail: hlavac@bp.com

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

3b. Phone No. (include area code)  
Ph: 281.366.4081  
Fx: 281.366.0700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 27 T31N R9W SESW 940FSL 1650FWL

**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	
	<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.)

BP America respectfully requests permission to add pay by perforating and fracture stimulating the Menefee and Lewis Shale formations within the Mesaverde Pool as per the attached procedure.

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

Electronic Submission #10881 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (Printed/Typed) CHERRY HLAVA

*Cherry Hlava*

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/22/2002

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

Approved By

*/s/ Jim Lovato*

Title

*Per. Eng.*

Date

*4/2/02*

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

*BLM- FEO*

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 \*\***

## **Schwerdtfeger B #1R Payadd Procedure**

**Sec 27, T31N R9W**

**API #: 30-045-11825**

1. Check anchors. MIRU workover rig.
2. If necessary, kill with 2% KCL water. Nipple down WH. NU BOPs.
3. Tag for fill and tally OH with 2-3/8" production tubing currently set at 5444'. Visually inspect tubing while POOH.
4. TIH with bit and scraper for 4 1/2" liner to 5150'.
5. TIH with tubing-set RBP. Set RBP at 4625'. Load hole with 2% KCL.
6. Pressure test casing to 1500 psi. Unset RBP and POH.
7. RIH with CIBP and 3-1/8" casing guns (2 SPF 120 deg phasing) with Schlumberger's Prospector, select-fire charge. Set CIBP at 5125'. Perforate Menefee and Lewis shale (correlate to GR log).
8. RIH with tapered 3-1/2" x 2-3/8" frac string with retrievable packer. Set packer at 4825'.
9. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
10. Frac Menefee according to pump schedule.
11. Flowback frac fluid immediately.
12. Release packer and POOH with frac string.
13. RIH and set CIBP at 4625'.
14. Breakdown each Lewis perforation interval with hydrochloric acid.
15. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
16. Frac the Lewis Shale according pump schedule.
17. Flowback frac fluid immediately.
18. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 4625' and 5125'. Clean out fill to PBTD at 5474'. Blow well dry at PBTD.
19. RIH with 2-3/8" production tubing and land at 5400'.
20. Swab water from the tubing with the sandline.
21. ND BOP's. NU WH. Test well for air. Return well to production.

PBTD: 5474'

4 1/2" 10.5#, J-55 @ 5507'  
cemented w/ 235sx

TD: 5507'