

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.
SF-078336B

6. Indian, Allottee or Tribe Name

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

8. Well Name and No.
BARRETT LS 3

9. API Well No.
30-045-10487

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 20 T31N R9W NESW 1550FSL 1550FWL

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 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 site is ready for final inspection.)

BP America respectfully request 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 #10876 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/21/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

/s/ Jim Lovato

Title Petr. 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 - FFO

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 **

Barrett LS #3 Payadd Procedure
Sec 20, T31N, R9W
API #: 30-045-10487

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 5868'. Visually inspect tubing while POOH.
4. TIH with bit and scraper for 4 1/2" casing to 5600'.
5. TIH with tubing-set RBP. Set RBP at 5150'. 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 5590'. Perforate Menefee and Lewis shale (correlate to GR log).
8. RIH with 2-7/8" frac string with retrievable packer. Set packer at 5275'.
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 5150'.
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 5150' and 5590'. Clean out fill to PBTB at 5931'. Blow well dry at PBTB.
19. RIH with 2-3/8" production tubing and land at 5870'.
20. Swab water from the tubing with the sandline.
21. ND BOP's. NU WH. Test well for air. Return well to production.

Sec 20, T31N, R9W
API #: 30-045-10487

GL: 6648'

History:

- Drilled & completed in 1953 as OH completion
- Set 4 1/2" liner to surface in 1966
- Last workover in 1993 to change well from rod pump to plunger lift

est. TOC @ surf (circ)

9 5/8" 25.4 Armco SW# @ 170'
cemented w/ 125 sx

7" TOC @ 3235'
(Temp survey)

7" 20# & 23#, J-55 @ 5050'
cemented w/ 500 sx

4 1/2" TOC @ 4150'

Tubing: 2-3/8" 4.7#, J55 @ 5868'

4 1/2" 10.5# J-55 @ 5958'
cemented w/ 125sx

PBTD: 5931'

TD: 5958'

updated: 03/05/02 az

MV perforations

5180' - 5236', frac'd w/ 24,000# sand

5618' - 5922', frac'd w/ 67,000# sand