

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., 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-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-31936</b>
5. Indicate Type of Lease STATE FEE
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

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

7. Lease Name or Unit Agreement Name:  
**Barnes A**  
(Notified BLM of DHC intent on APD filing  
SF-078039)

2. Name of Operator  
**BP America Production Company Attn: Mary Corley**

8. Well No.  
**18R**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

9. Pool name or Wildcat  
**Basin Dakota & Blanco Mesaverde**

4. Well Location  
Unit Letter **B** **845** feet from the **North** line and **2115** feet from the **East** line  
Section **27** Township **32N** Range **11W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6519' GR**

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <b>Downhole Commingle</b> <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On 10/01/2003, BP America Production Company submitted an application for permit to drill and complete the subject well into the Basin Dakota, produce the well in order to establish a production rate, isolate the zone, then add the Blanco Mesaverde and commingle production Downhole. APD Approved on 12/01/2003. BP now seeks NMOCD approval to Downhole commingle production in the subject well as per procedure on reverse side of this Form.

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363. The working interest owners are identical however royalty interest owners are not, therefore all interest owners are being notified by being furnished a copy of this application on December 04, 2003 via certified mail return receipt requested.

Production is proposed to be allocated based on a fixed percentage. We will perform a deliverability test on the Dakota, isolate the zone and complete into the Mesaverde. The deliverability test will be performed on the combined zones and Dakota rate will be subtracted from the total well stream to establish the Mesaverde rate.

Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mary Corley TITLE **Sr. Regulatory Analyst** DATE **12/04/2003**

Type or print name **Mary Corley** Telephone No. **281-366-4491**

APPROVED BY [Signature] DEPUTY OIL & GAS INSPECTOR, DIST. #5 DATE **DEC - 9 2003**  
Conditions of approval, if any:

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**Barnes A 18R**  
**Downhole Commingling Procedure**

1. Run TDT log
  2. Perforate Dakota
  3. Run Gauges to Dakota, leave overnight
  4. Retrieve Gauges and frac the Dakota (Slick Water)
  5. Clean out frac & flow back to stabilize production
  6. Run 2 3/8" tubing and perform 12 hour stabilized test on Dakota
  7. Set Bridge plug Between Mesaverde and Dakota
  8. Perforate and frac ( 2 Stage N2 Foam) the Mesaverde Formation
  9. Clean out frac and wellbore to PBSD
  10. Run Completion String and RDSU
  11. Put well on Line
  12. Perform well test on the Combined Mesaverde/Dakota production stream
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