Form 3160-5 (August 1999)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

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

| 5. Lease Serial No.<br>NMSF - 978039 |  |  |  |  |  |  |
|--------------------------------------|--|--|--|--|--|--|
| 6. If Indian, Allottee or Tribe Name |  |  |  |  |  |  |

| SUNDRY<br>Do not use thi<br>abandoned we  | NMSF - 978039  6. If Indian, Allottee or Tribe Name                 |                                      |                                    |   |                                      |                        |  |
|---|---|--------------------------------------|------------------------------------|---|--------------------------------------|------------------------|--|
| SUBMIT IN TRI   | PLICATE - Other instru  | ctions on rev                        | erse side. AMAR 200                | 12  | 7. If Unit or CA/Agree               | ement, Name and/or No. |  |
| 1. Type of Well ☐ Other ☐ Other   |   |                                      |                                    |   | 8. Well Name and No.<br>BROWN FEDERA | LJ1                    |  |
| Name of Operator     BP AMERICA PRODUCTION  | MARY CORLEY E-Mail: corleym@bp.com                                  |                                      |                                    | 9. API Well No.<br>30-045-29029                               |                                      |                        |  |
| 3a. Address<br>P.O. BOX 3092<br>HOUSTON, TX 77253   | 3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700 |                                      |                                    | 10. Field and Pool, or Exploratory BASIN DAKOTA/BLANCO MESAVI |                                      |                        |  |
| 4. Location of Well (Footage, Sec., 7   | ., R., M., or Survey Description                                    | on)                                  |                                    |   | 11. County or Parish, and State      |                        |  |
| Sec 13 T32N R11W SWSW 1   |   |                                      |                                    | SAN JUAN COUNTY, NM   |                                      |                        |  |
| 12. CHECK APPI  | ROPRIATE BOX(ES) T  | O INDICATE                           | NATURE OF N                        | NOTICE, RI  | EPORT, OR OTHE                       | R DATA                 |  |
| TYPE OF SUBMISSION  |   |                                      | TYPE OF                            | ACTION  |                                      |                        |  |
| Notice of Intent     ■     Notice of Intent     Notice of | ☐ Acidize   | ☐ Dee                                | pen                                | ☐ Product   | ion (Start/Resume)                   | ☐ Water Shut-Off       |  |
|   | ☐ Alter Casing  | ☐ Frac                               | ture Treat                         | □ Reclam  | ation                                | ■ Well Integrity       |  |
| ☐ Subsequent Report   | □ Casing Repair   | □ New                                | Construction                       | ☐ Recomp  | lete                                 | Other                  |  |
| ☐ Final Abandonment Notice  | ☐ Change Plans  | ☐ Plug                               | and Abandon                        | ☐ Tempor  | arily Abandon                        | Surface Commingl       |  |
|   | ☐ Convert to Injection  | ion Plug Back Wate                   |                                    | ☐ Water [   | Disposal                             |                        |  |
| 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thered If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone 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 onto 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 Production Company request permission to convert the subject well from a dual string completion to a single string completion and commingle production downhole from the Basin Dakota & Blanco Mesaverde Pools as per the attached procedure.  The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363.  The working, overriding, and royalty interest owners in the proposed commingled pools are different and are being notified of this application via certified mail.  Production is proposed to be allocated based on actual production from both the Dakota and Mesaverde Pools as reflected on the attached allocation chart.  Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.  |   |                                      |                                    |   |                                      |                        |  |
|   | Electronic Submission<br>For BP AMERICA P                           | #10460 verified<br>RODUCTION C       | by the BLM Well<br>OMPANY, sent to | Information<br>the Farmin                                     | System<br>gton                       |                        |  |
| Name (Printed/Typed) MARY CO  |   | Title AUTHORIZED REPRESENTATIVE      |                                    |   |                                      |                        |  |
| Signature (Electronic   | May Jolly   |                                      | Date 02/21/2                       | 002   |                                      |                        |  |
|   | THIS SPACE F  | OR FEDERA                            | L OR STATE                         | OFFICE U  | SE                                   |                        |  |
| _Approved By  | <u>-</u>  | . <b>_</b>                           | Title                              |   | Date                                 |                        |  |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equivich would entitle the applicant to conditions.  | uitable title to those rights in th                                 | s not warrant or<br>ne subject lease | 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.

## **Brown Federal J 1**

## Downhole commingle Mesa Verde and Dakota

- Check anchors. Check and record tubing, casing, and Bradenhead pressures.
   Tag and flag valves and bleed flow line pressure to zero. MIRU workover rig.
- 2. Blow down wellhead. If necessary, kill with 2% KCl water.
- 3. ND wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi.
- 4. Tally OH with short string of tubing (2-3/8", 4.7#, J-55 @ 4998') and visually inspect for potential hole and scale.
- 5. Tally OH with long string of tubing (2-3/8", 4.7#, J-55 @ 7519') and visually inspect for potential hole and scale.

Contingency: If tubing is in poor condition, replace as necessary.

If scale is detected on the tubing, consult engineer about acidizing the well.

- 6. Pull or retrieve packer @ 5600'.
- 7. Cleanout fill to PBTD at 7666'.
- 8. Rabbit tubing and RIH with 2-3/8" production tubing with a muleshoe, F-nipple, and plug on bottom. Fill tubing with 2% KCl while RIH and periodically pressure test to 500 psi. Replace any joints that fail pressure test.
- 9. Land 2-3/8" production tubing @ +/- 7519'.
- 10. Swab water from the tubing using the sandline. RU slickline and run gauge ring for 2-3/8" tubing. Pull plug, then RD slickline unit. Clean out to PBTD. Flow to cleanup tank.
- 11.ND BOPs. NU WH. Notify pumper that well is ready to be returned to production. Swab in well with sandline and flow well for several hours on a choke to ensure well is unloaded and ready to produce before turning over to pumper to return to production.

| ALLOCATION Based on November, 2001 through February 20, 2002 |     |      |       |     |  |  |  |  |  |
|--|-----|------|-------|-----|--|--|--|--|--|
| Production (Dakota off production from 1999 until November)  |     |      |       |     |  |  |  |  |  |
| Formation  | BBL | %    | GAS   | %   |  |  |  |  |  |
| Mesaverde  | 15  | 100% | 23468 | 65% |  |  |  |  |  |
| Dakota   | 0   | 0%   | 12505 | 35% |  |  |  |  |  |

## **BROWN FEDERAL J 1 UNITED STATES** Country: Event: ORIG COMPLETION County: SAN JUAN Region: LOWER 48 & CANADA Wellbore: State: NEW MEXICO Event Start: 12/7/1993 Bus. Unit: WESTERN US GAS Top TMD: 0.0 ft Event End: 2/24/1994 Asset: SAN JUAN Bottom TMD:0.0 ft **FARMINGTON** District: Contractor: <no data> Soud: 12/7/1993 Casing Components Wellsketch Тор Cement Perforations Tubing: 1.25", 4.7#, J-55, BUE, N-80 cplg 0.00 ft/7,347.00 ft 0.0 - 3,229.0Tubing: 2.375, 4.7#, J-55, BJE, N-80 cplg 2,900.0 - 7,347.0 2 /ft - 4,502.00 ft - 4,510.00 ft 2 /ft - 4,612.00 ft - 4,616.00 ft 2 /ft - 4,656.00 ft - 4,660.00 ft 2 /ft - 4,670.00 ft - 4,674.00 ft 2 /ft - 4,808.00 ft - 4,828.00 ft 2 Mt - 4,834.00 ft - 4,840.00 ft 2 /ft - 4,846.00 ft - 4,888.00 ft 2 /ft - 4,928.00 ft - 4,932.00 ft SN: 2.375 x 1.25 x 12 EUE 2 /ft - 4,960.00 ft - 4,968.00 ft Tubing: 2.375, 4.7#, J-55, BJE, N-80 cplg 2 /ft - 4 984 00 ft - 4 990 00 ft 2 /ft - 5,012.00 ft - 5,020.00 ft 2 /ft - 5,032.00 ft - 5,038.00 ft 2 /ft - 5,080.00 ft - 5,084.00 ft 2 /ft - 5,092.00 ft - 5,098.00 ft 2 /ft - 5,108.00 ft - 5,114.00 ft 2 /ft - 5,128.00 ft - 5,134.00 ft 2 /ft - 5,154.00 ft - 5,156.00 ft 2 /ft - 5,178.00 ft - 5,184.00 ft Tubing: 2:375, 4.7#, J-55, BJE, N-80 cptg 2 /ft - 5,232.00 ft - 5,260.00 ft 2 /ft - 5,286.00 ft - 5,300.00 ft 2 /ft - 5,348.00 ft - 5,358.00 ft 2 /ft - 5,389.00 ft - 5,397.00 ft 2 /ft - 5,462.00 ft - 5,467.00 ft Packer, Retrievable: 2.375 x 7.0 7,111.0 - 7,730.0 Casing, 4-1/2", 11.6#, N-80, 8 RND LT+C 130.00 ft/7,730.00 ft 4 /ft - 7,432.00 ft - 7,444.00 ft 1 /π - 7,433.00 π - 7,438.00 π Tubing: 2.375, 4.7#, J-55, BJE, N-80 cplg 4 /ft - 7,488.00 ft - 7,500.00 ft 1 /ft - 7,522.00 ft - 7,526.00 ft 1 /ft - 7,529.00 ft - 7,532.00 ft 4 /ft - 7,554.00 ft - 7,559.00 ft 4 /ft - 7.566.00 ft - 7.570.00 ft τ π - 7.567.00 π - 7.569.00 π 4 /ft - 7,580.00 ft - 7,584.00 ft 7,666.0 - 7,730.0