

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

**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.*

5. Lease Serial No. **SF - 080112**  
6. Indian, Allottee or tribe Name

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

070 Farmington, NM

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

8. Well Name and No.  
**Riddle FLS 3**

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

9. API Well No.  
**30-045-07331**

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

3b. Phone No. (include area code)  
**281-366-4491**

10. Field and Pool, or Exploratory Area  
**Blanco Mesaverde, PC & Otero Chacra**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1150' FNL & 1331' FEWL Sec. 20 T28N, R08W**

11. County or Parish, State  
**San Juan County, New Mexico**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☐ Other **Recomplete & DHC**

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.

On 04/22/2003 BP America Production Company request permission to convert the subject well from a dual string completion to a single string completion, add pay in the Mesaverde and commingle production downhole from the Blanco Pictured Cliffs & Blanco Mesaverde Pools. BP now request to amend the application to add a completion into the Otero Chacra Pool & Trimingle Production Downhole as per the attached procedure.

Application to Trimingle is being submitted to the NMOCD's Santa Fe Office on August 04, 2003.

The working, overriding, and royalty interest owners in the proposed commingled pools are identical; therefore, no notification of this application need be submitted via certified mail.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from both the Mesaverde and Pictured Cliffs Pools as per the attached Allocation Spreadsheets. The balance of the production will be attributed to the Chacra.

DHC 3175

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/typed)

**CONDITIONS OF APPROVAL**  
Adhere to previously issued stipulations.

**Mary Corley**

Title **Senior Regulatory Analyst**

Signature

Date **08/04/2003**

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

Approved by **Original Signed: Stephen Mason**

Title

Date

**AUG 15 2003**

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.

**NMOCD**

**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**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department**OIL CONSERVATION DIVISION**

2040 South Pacheco

Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-07331</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code <b>000978</b>	<sup>5</sup> Property Name <b>Riddle F LS</b>	<sup>6</sup> Well Number <b>3</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>5986' GR</b>

<sup>10</sup> Surface Location

UL or lot no. <b>Unit A</b>	Section <b>20</b>	Township <b>28N</b>	Range <b>08W</b>	Lot Idn	Feet from <b>1150'</b>	North/South <b>North</b>	Feet from <b>1131'</b>	East/West <b>East</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

			<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Mary Corley</b> Printed Name <b>Sr. Regulatory Analyst</b> Title <b>07/24/2003</b> Date
	<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <b>00/00/1957</b> Date of Survey Signature and Seal of Professional Surveyor: <b>On File</b> Certificate Number		

## Riddle F LS #3 Workover Procedure

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### Procedure:

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop, or plug set in nipple) for isolation.
6. TOH with 1-1/4" short string production tubing currently set at 2444'.
7. Release Baker 'EGJ' packer and TOH with 2-3/8" production tubing currently set at 4007'.
8. TIH with bit and scraper for 5-1/2" casing to 4740'. Work casing scraper across Mesaverde perforations and Menefee interval from 4075' – 4740' and across Chacra interval from 3325' 3475– 3400'.
9. RU WL unit. RIH with 5-1/2" CIBP. Set CIBP at 4660'.
10. RIH with 3-1/8" casing guns. Perforate Menefee formation (correlate to GR log).  
  
Menefee perforations, 2 spf (11 shots/ 22 holes):  
4255', 4260', 4270', 4302', 4305', 4417', 4428', 4498', 4502', 4533', 4535'
11. RIH with 2-3/8" X 3-1/2" tapered frac string and 5-1/2" packer. Set packer at 4200'.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
13. Flowback frac immediately.
14. Release packer and TOH with frac string and packer. LD frac string.
15. RU WL unit. RIH with 5-1/2" CIBP. Set CIBP at 3525'.
16. Load well with 2% KCL.
17. RU WL unit. Run CBL log across Chacra from 3200' – 3525' to verify cement isolation.

18. Pressure test casing to 2500 psi with rig pumps.

19. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log).

Chacra Perforations, 2 spf (18 shots/ 36 holes):

3328' – 3333' (5')

3360' – 3364' (4')

3427' – 3432' (5')

3470' – 3474' (4')

20. RIH with tapered 3-1/2" X 2-3/8" tapered frac string and 5-1/2" packer. Set packer at 2600'.

21. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.

22. Flowback frac immediately.

23. Release packer and TOH with frac string and packer. LD frac string.

24. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 3525' and 4660'.  
Cleanout fill to PBTD at 4770'. Blow well dry at PBTD.

25. Rabbit tubing and RIH with 2-3/8" production tubing.

26. Land 2-3/8" production tubing at 4700'.

27. ND BOP's. NU WH. Test well for air. Return well to production and downhole trimingle  
Pictured Cliffs, Chacra, and Mesaverde.