

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

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

Form C-103  
Revised March 25, 1999

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(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.)            |  | WELL API NO.<br><b>30-045-29305</b>   |
| 1. Type of Well:<br>Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other   |  | 5. Indicate Type of Lease<br>STATE FEE  |
| 2. Name of Operator<br><b>BP America Production Company</b> Attn: Mary Corley  |  | 6. State Oil & Gas Lease No.  |
| 3. Address of Operator<br><b>P.O. Box 3092 Houston, TX 77253</b>   |  | 7. Lease Name or Unit Agreement Name:<br><b>McCulley LS</b><br>(Also filed on BLM Form 3160-5 Federal Lease NM - 04208) |
| 4. Well Location<br>Unit Letter <b>E</b> <b>1545</b> feet from the <b>North</b> line and <b>895</b> feet from the <b>West</b> line<br>Section <b>14</b> Township <b>28N</b> Range <b>09W</b> NMPM <b>San Juan</b> County |  | 8. Well No.<br><b>2A</b>  |
| 10. Elevation (Show whether DR, RKB, RT, GR, etc.)<br><b>5881' GR</b>  |  | 9. Pool name or Wildcat<br><b>Blanco Mesaverde &amp; Otero Chacra</b>   |

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: **Recomplete & Downhole Commingle** ☒

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

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.

**BP America Production Company request permission to recomplete the subject well into the Otero Chacra and commingle production Downhole with the existing Blanco Mesaverde as per the attached procedure.**

**The Blanco Mesaverde (72319) & Otero Chacra (82329) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no further notification of this application is required.**

**Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Mesaverde. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra. Attached is the future production decline estimates for the Mesaverde.**

**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 04/22/2004  
Type or print name Mary Corley Telephone No. 281-366-4491

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE APR 30 2004

Conditions of approval, if any:

*Apply to Santa Fe and modify PC 1103 to include Otero Chacra*

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**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 87505Form 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<br><b>30-045-29305</b> | <sup>2</sup> Pool Code<br><b>82329</b>                             | <sup>3</sup> Pool Name<br><b>Otero Chacra</b> |
| <sup>4</sup> Property Code<br><b>000854</b>    | <sup>5</sup> Property Name<br><b>McCulley LS</b>                   | <sup>6</sup> Well Number<br><b>2A</b>         |
| <sup>7</sup> OGRID No.<br><b>000778</b>        | <sup>8</sup> Operator Name<br><b>BP America Production Company</b> | <sup>9</sup> Elevation<br><b>5881' GR</b>     |

<sup>10</sup> Surface Location

|                                |                      |                        |                     |         |                           |                             |                          |                          |                           |
|--------------------------------|----------------------|------------------------|---------------------|---------|---------------------------|-----------------------------|--------------------------|--------------------------|---------------------------|
| UL or lot no.<br><b>Unit E</b> | Section<br><b>14</b> | Township<br><b>28N</b> | Range<br><b>09W</b> | Lot Idn | Feet from<br><b>1545'</b> | North/South<br><b>North</b> | Feet from<br><b>895'</b> | East/West<br><b>West</b> | County<br><b>San Juan</b> |
|--------------------------------|----------------------|------------------------|---------------------|---------|---------------------------|-----------------------------|--------------------------|--------------------------|---------------------------|

<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<br><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

|  |  |   |
|--|--|---|
|  |  | <b>17 OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><i>Mary Corley</i><br>Signature<br><b>Mary Corley</b><br>Printed Name<br><b>Sr. Regulatory Analyst</b><br>Title<br><b>04/26/2004</b><br>Date   |
|  |  | <b>18 SURVEYOR CERTIFICATION</b><br>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.<br><b>10/17/1995</b><br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br><b>Gary D Vann 7016</b><br>Certificate Number |

**McCulley LS 2A**  
**Complete into the Chacra and Downhole Commingle Chacra and Mesaverde**

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**Procedure:**

1. Check and record casing, and bradenhead pressures.
2. RU WL unit. RIH with 2-7/8" CIBP. Set composite bridge plug at 3900'.
3. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log).

Chacra perforations, 2 spf (15 shots/ 30 holes):  
interval to be determined (+/- 3150-3350)

4. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures  $\leq 5500$  psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
5. Flowback frac immediately.
6. TIH with motor and mill on CTU. Cleanout fill and drill bridge plug set at 3900'. Cleanout to PBTD at 4650'. Blow well dry.
7. Test well for air. Return well to production and downhole co-mingle Chacra, and Mesaverde.

# McCulley LS 2A

Sec 14, T28N, R9W

API # 30-045-29305

GL: 5881'

## History:

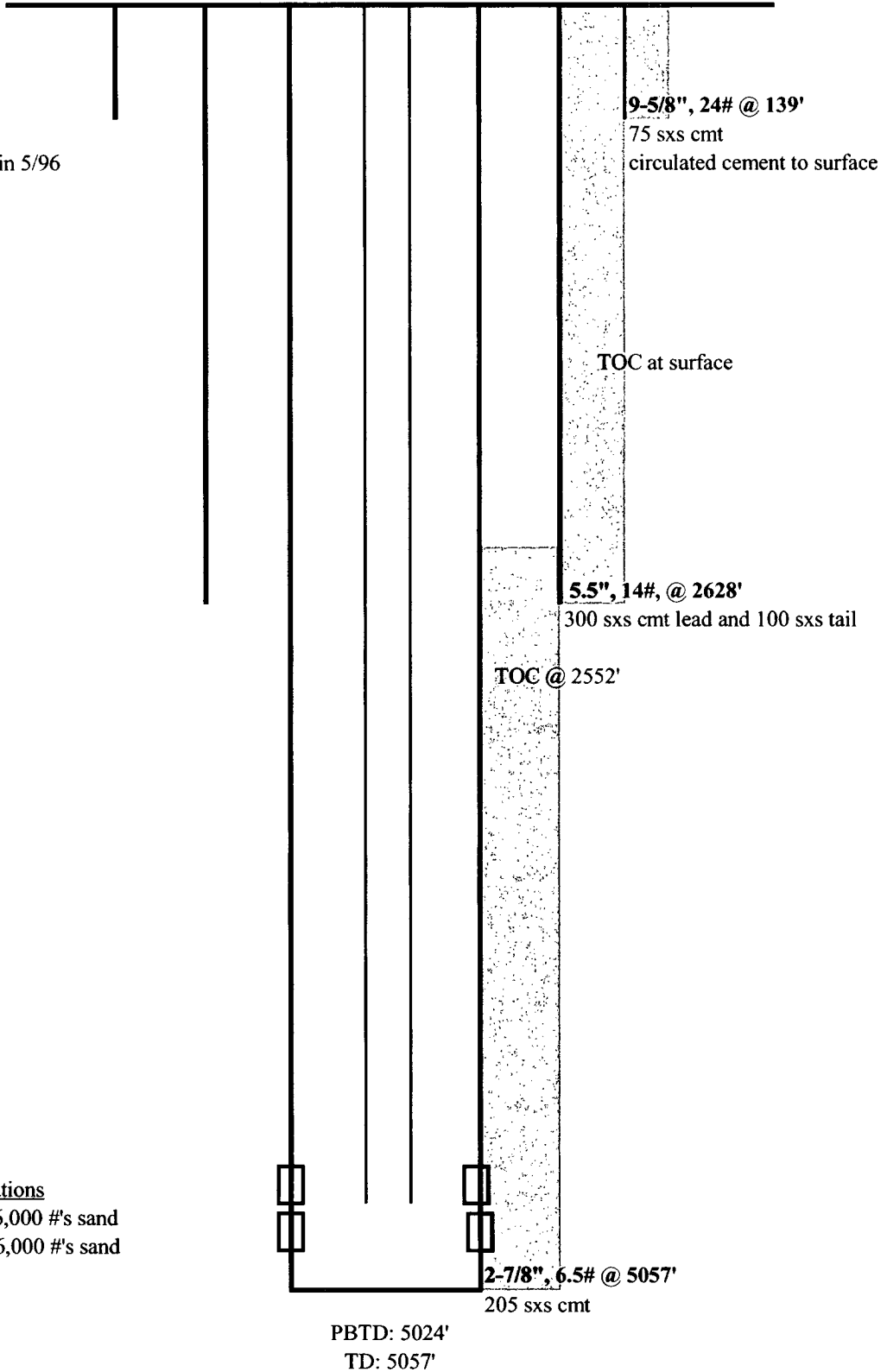
Completed in MV in 5/96

## Mesaverde Perforations

4010' - 4422' w/ 46,000 #'s sand

4488' - 4810 w/ 76,000 #'s sand

Formation tops: Cliff House 3877  
Menefee 3896  
Point Lookout 4473



updated: 4/6/04 CFR