

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMSF077112

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.  
WARREN A LS 1A2. Name of Operator  
BP AMERICA PRODUCTION COContact: MARY CORLEY  
E-Mail: corleym@bp.com9. API Well No.  
30-045-25232-00-S13a. Address  
P. O. BOX 3092  
HOUSTON, TX 772533b. Phone No. (include area code)  
Ph: 281.366.4491  
Fx: 281.366.070010. Field and Pool, or Exploratory  
BLANCO MESAVERDE  
OTERO CHACRA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T28N R9W NENW Tract A GONZALES 0790FNL 1710FWL  
36.63811 N Lat, 107.74268 W Lon11. County or Parish, and State  
SAN JUAN COUNTY, NM

## 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 Subsurface Commingling
	<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 recompleate 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 recompleation 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 02/25/2003, BP America Production Company submitted a Sundry Notice of our intent to complete the subject well into the Pictured Cliffs Pool and downhole commingling production with Blanco Mesaverde. approval was granted on 03/17/2003.

BP respectfully request to amend our application from a completion into the Blanco Pictured Cliffs and downhole commingling with the Mesaverde to completion into the Otero Chacra and downhole commingling production with the Blanco Mesaverde as per the attached procedure.

The Blanco Mesaverde (72319) and Otero Chacra (82329) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R-11363.

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

The working, overriding, and royalty interest in the proposed commingled pools are identical,

*NRI APPROVAL ISSUED 3/17/03 IS HEREBY CANCELLED*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #19824 verified by the BLM Well Information System  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by Matthew Halbert on 04/16/2003 (03MXH0700SE)

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/21/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By /s/ Jim Lovato

Title

Date

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.

## **Additional data for EC transaction #19824 that would not fit on the form**

### **32. Additional remarks, continued**

therefore, no notification of this application needs to be submitted.

Production is proposed to be allocated on a fixed percentage. Prior to drilling out the CIBP a stabilized deliverability test will be conducted on the Chacra then a deliverability test will be performed on the combined zones and the Chacra 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 will not reduce the value of the total remaining production.

## Warren A LS #1A 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. Tag for fill and tally OH with 2-3/8" production tubing currently set at 4935'.
6. TIH with bit and scraper for 4-1/2" casing. Work scraper across Point Lookout perforations at 4468' – 4962'. TOH.
7. RU WL unit. RIH with 4-1/2" CIBP. Set CIBP at 4425'.
8. Load well with 2% KCL water. Pressure test casing to 1500 psi with rig pumps.
9. RIH with CBL log. Run CBL log across Mesaverde and Chacra interval from 3000' – 4425'.
10. RIH with 3-1/8" casing guns. Perforate Menefee formation (correlate to GR log).

Menefee perforations, 2 spf (shots/ holes):

- to be determined

11. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
13. Immediately after frac job, RU WL unit and lubricator.
14. RIH and set 4-1/2" CIBP at 3500'.
15. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log).

Chacra perforations, 2 spf (shots/ holes):

- to be determined

16. RU frac equipment and install wellhead isolation tool. Use 2% KCL/N2 foam in fracture stimulation.
17. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.

18. Flowback frac immediately. Obtained stabilized flowrate using choke flow correlation to be used in production allocation.
19. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 3500' and 4425'. Cleanout fill to PBTD at 4999'. Blow well dry at PBTD.
20. Flow well and obtain stabilized flowrate using choke flow correlation to be used in production allocation.
21. Rabbit tubing and RIH with 2-3/8" production tubing.
22. Land 2-3/8" production tubing at 4925'.
23. ND BOP's. NU WH. Return well to production and downhole commingle Chacra and Mesaverde production.

# Warren ALS 1 A

Sec 25, T28N, R9W

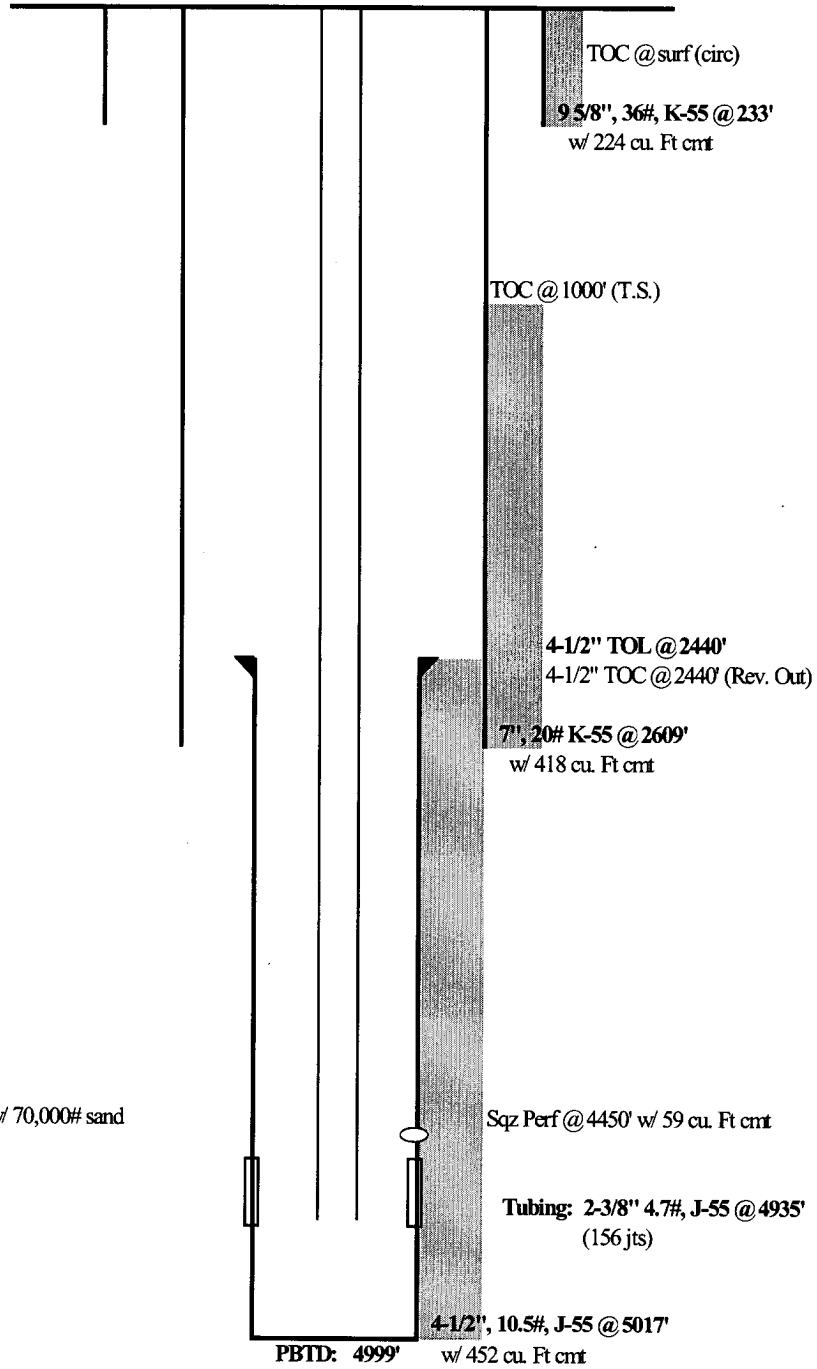
API #: 3004525232

## History:

-Spud on 11/14/81

## MV perforations

4468 - 4962', w/ 1SPZ, frac'd w/ 70,000# sand



TD: 5017'

updated: 10/23/02 mmp

**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>30-045-25232</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code <b>001210</b>	<sup>5</sup> Property Name <b>Warren A LS</b>	<sup>6</sup> Well Number <b>1A</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>6031' GR</b>

<sup>10</sup> Surface Location

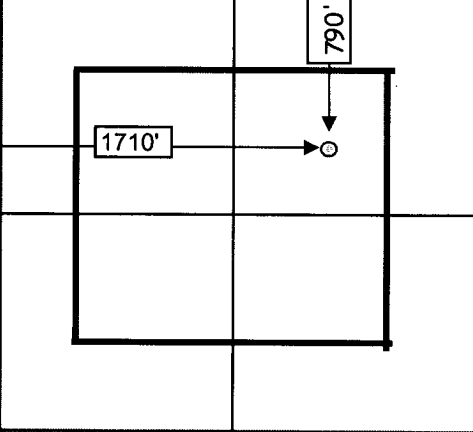
UL or lot no. <b>Unit C</b>	Section <b>25</b>	Township <b>28N</b>	Range <b>09W</b>	Lot Idn	Feet from <b>790'</b>	North/South <b>North</b>	Feet from <b>1710'</b>	East/West <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
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<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.  <i>Mary Corley</i> Signature <b>Mary Corley</b> Printed Name <b>Sr. Regulatory Analyst</b> Title <b>03/21/2003</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>10/16/1981</b> Date of Survey Signature and Seal of Professional Surveyor:  <b>Fred B Kerr 3950</b> Certificate Number