

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

WELL API NO. <b>30045-23772</b>
5. Indicate Type of Lease STATE FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <b>Warren LS</b> (Also filed on BLM Form 3160-5 Federal Lease SF - 077123)
8. Well No. <b>1A</b>
9. Pool name or Wildcat <b>Blanco Mesaverde &amp; Otero Chacra</b>

**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

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

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

4. Well Location  
Unit Letter **J** **1850** feet from the **South** line and **1850** feet from the **East** line  
Section **13** Township **28N** Range **09W** NMPM **San Juan** County  
10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**5943' 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.  
**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 NMOC 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 04/28/2003  
Type or print name Mary Corley Telephone No. 281-366-4491  
(This space for State use)

APPROVED BY *R. E. Hughes* TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 43 DATE MAY - 5 2003  
Conditions of approval, if any:

**District I**

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**District IV**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources DepartmentOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-102  
Revised August 15, 2000Submit 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>30-045-23772</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code <b>001212</b>	<sup>5</sup> Property Name <b>Warren 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>5943' GR</b>

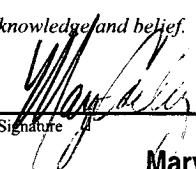
<sup>10</sup> Surface Location

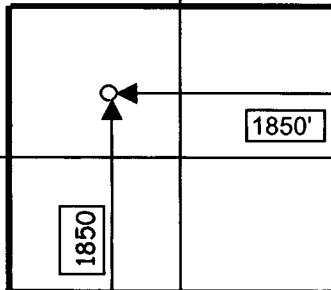
UL or lot no. <b>Unit J</b>	Section <b>13</b>	Township <b>28N</b>	Range <b>09W</b>	Lot Idn	Feet from <b>1850'</b>	North/South <b>South</b>	Feet from <b>1850'</b>	East/West <b>East</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different 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.  <b>Mary Corley</b>
				Signature
				Printed Name <b>Sr. Regulatory Analyst</b>
				Title <b>04/29/2003</b>
				<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>8/13/1979</b>
				Date of Survey
				Signature and Seal of Professional Surveyor:  <b>Fred B Kerr 3950</b>
				Certificate Number



## **SJ Basin Well Work Procedure**

### **Warren LS 001A**

**Sec 13, T28N, R09W**

**API# 30045023772**

1. Check anchors. MIRU workover rig.
2. Blow down well. Kill with 2% KCL water ONLY if necessary. ND WH and NU BOP's.
3. TOH with 2-3/8" string set at 4845'.
4. Clean out to PBTD at 4972'.
5. RIH and set CIBP at 4100'.
6. RIH w/ GR log.
7. RIH with 3-1/8" casing guns 2 SPF 120 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Chacra (correlate to GR log).
8. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
9. Frac Chacra down casing according to pump schedule.
10. Flowback frac fluid immediately.
11. RIH with work string and bit. Drill out CIBP set at 4100'. Continue clean out hole to PBTD at 4972'. Blow well dry with air package at PBTD. POH with work string.
12. Rabbit tubing and RIH with 2-3/8" production tubing (with X-nipple and plug on bottom). Replace any joints that fail the pressure test.
13. Land 2-3/8" production tubing at 4880'.
14. Swab water from tubing with the sandline.
15. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. RD slickline unit.
16. ND BOP's. NU WH. Test well for air. Return well to production.

# Warren LS 1 A

Sec 13, T28N, R9W

API #: 3004523772

GL: 5943'

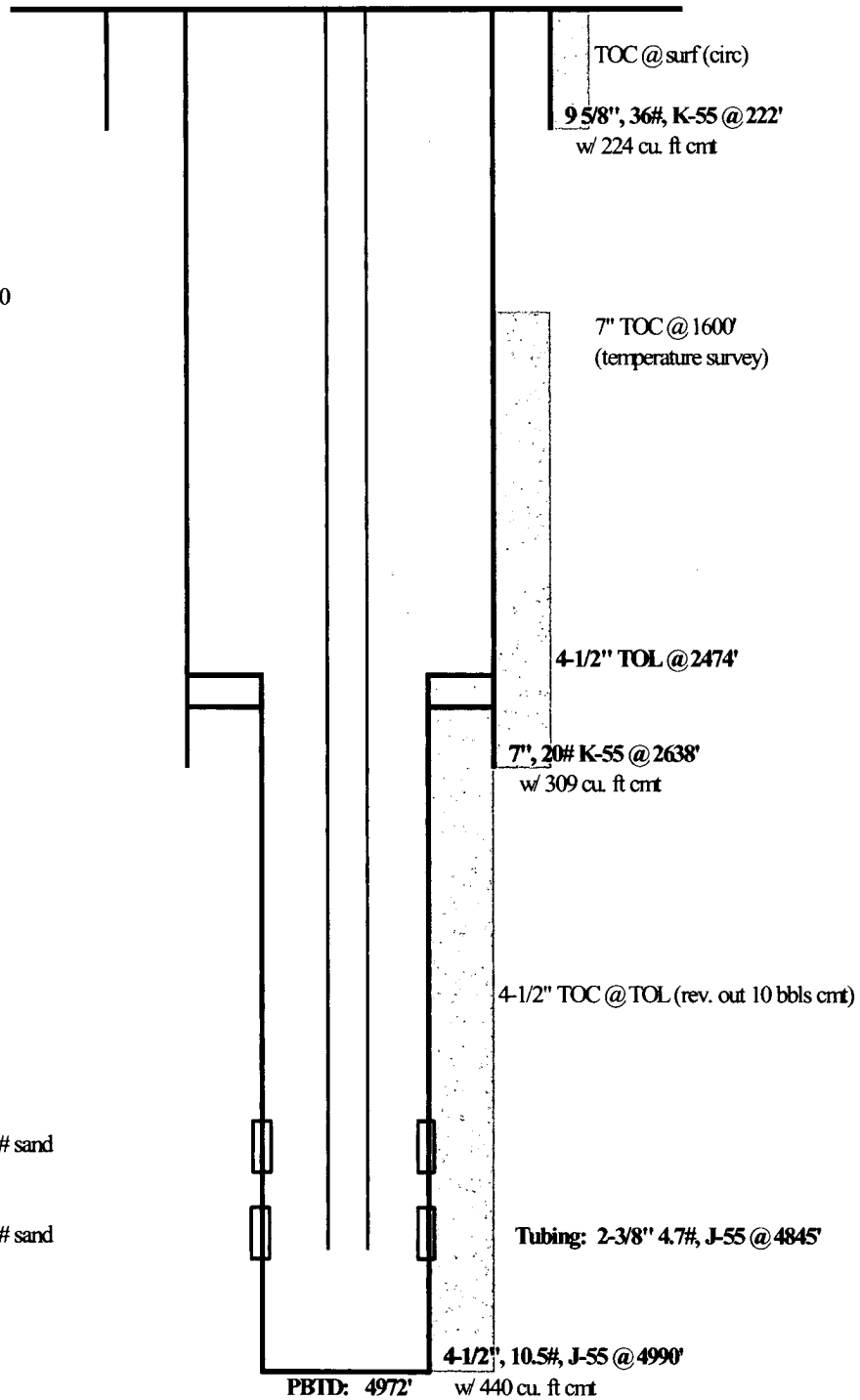
## History:

- Drilled and completed in 1980
- Wellwork in Jan 2002

## MV perforations

4182' - 4493', frac'd w/ 34,000# sand

4526' - 4918', frac'd w/ 71,700# sand



updated: 04/07/03 az