

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C 103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.  
30-045-13115

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Bruington LS

8. Well No.  
#4

9. Pool name or Wildcat  
Blanco Mesaverde

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  
Conoco Inc.

3. Address of Operator  
10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500

4. Well Location  
Unit Letter K 2200' Feet From The South Line and 1650' Feet From The West Line  
Section 6 Township 30N Range 11W NMPM San Juan County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
6383'

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

|  |   |
|--|---|
| <b>NOTICE OF INTENTION TO:</b>   | <b>SUBSEQUENT REPORT OF:</b>                        |
| PERFORM REMEDIAL WORK <input type="checkbox"/>                             | REMEDIAL WORK <input type="checkbox"/>              |
| TEMPORARILY ABANDON <input type="checkbox"/>                               | ALTERING CASING <input type="checkbox"/>            |
| PULL OR ALTER CASING <input type="checkbox"/>                              | COMMENCE DRILLING OPNS. <input type="checkbox"/>    |
| OTHER: <u>Recomplete the Mesaverde</u> <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/>       |
|  | CASING TEST AND CEMENT JOB <input 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.

It is proposed to recomplete to the Mesaverde in this well using the attached procedure.

RECEIVED  
MAY 18 1998  
OIL CON. DIV.  
DIST. 3

Upon completion this well will be downhole commingled with the Dakota - DHC Order # 1911

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE May 14, 1998

TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. 686-5798

(this space for State Use)

ORIGINAL SIGNED BY ERNIE NUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

MAY 21 1998

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**Bruington LS #4  
Recomplete to Mesaverde &  
Down Hole Commingle with Dakota  
March 25, 1998**

**PROCEDURE**

**1. Pre Work**

- A. Locate and test deadman anchors. Spot flowback pit (20x20) and prepare. Inform operator of work to be done and time frame. Check for location size and equipment placement. Identify any hazards (power lines, H<sub>2</sub>S, tight equipment fits).
- B. Have pressure gauges on both casing and tubing when necessary (during acid, frac, testing).
- C. Hold Safety Meeting before rigging up to discuss potential hazards and meeting place in case of an emergency.

**2. Pull Tubing / RU Wireline / Set EZ-Drill BP/Test Casing/Run CBL Log**

- A. RU. Blow well down (both backside & tbg) and kill with minimum amount of 1% KCl. NU BOP's
- B. POOH w/ 218 joints 2 3/8" tbg string.
- C. RIH wireline and set fast drill BP (4834') approx. 50' below bottom proposed perforation to isolate from Dakota.
- D. Pressure test casing to 2500 psi to determine if frac can be done down casing.
- E. Run CBL Log from 4834 (1000' minimum) to verify cement isolation across Mesaverde

**Two Stage - Perforate Mesaverde Point Lookout / Frac / Set BP /  
Perforate Menefee / Frac / Clean Up & Test (Frac same day!)**

**3. Perforate Mesaverde Point Lookout**

RU wireline company and perforate the Mesaverde Point Lookout.

PLO perfs (27 holes) 4513, 16, 27, 31, 35, 38, 41, 44, 59, 63, 79, 91, 97, 4611, 23, 33, 47, 78,  
82, 93, 4701, 08, 14, 30, 53, 78, 84

**4. Acidize and Frac Point Lookout**

- A. RIH with work string and treating packer and spot 15% HCL acid across perfs, and break down ballout as per BJ procedure.
- B. POOH work string and treating packer. RU BJ's frac equipment.
- C. Proceed Slickwater frac down casing, as per BJ attached procedure.
- D. RU wireline, Set fast drill BP above MV PLO perforations.

**Bruington LS #4  
Recomplete to Mesaverde &  
Down Hole Commingle with Dakota  
March 25, 1998**

**5. Perforate Menefee**

RU wireline company and perforate the Menefee.

Menefee perms (20 holes) 4222, 24, 28, 34, 39, 67, 71, 87, 92, 4317, 19,194, 97, 99,  
4415, 17, 19, 21, 25, 29.

**6. Acidize and Frac Menefee**

- A. PU workstring & 4 1/2" treating packer & RIH; spot 15% HCL acid across perms, and ballout as per BJ procedure.
- B. Frac down casing unless a frac string was required.
- C. Proceed Slickwater frac, as per BJ attached procedure.

**7. Drill Out Bridge Plug / Clean up & test / Drill out BP and Clean out to PBTD**

- A. Drillout BP, & C/O to below Mesaverde Menefee and Point Lookout and flowback/clean up test through tbg, obtaining 4 hour stabilized test. After stabilized test, drillout last BP over DK, blow hole clean and dry and POOH.

**Note:** This will be a commingled well, we will need short but stable production tests on the MV interval seperately.

Flow-back. Allow to clean-up & get stabilized test rate. NOTE: Length of stabilized rate test dictated by Regulatory. (ie, may need to revise commingle allocations). Four hour stabilized test minimum.

- B. RIH with 2.375" production tubing with Mule shoe and SN on bottom, hang top Dakota perforations (6,620') plus or minus a joint tubing. Original tubing depth was 6768'

**8. Return Well to Production**

Install plunger equipment and notify operator to install plunger & put in swab mode, put on production. Monitor well for rate at least one week.

---

West Team

**Cc: Well file, Tom Lenz, Linda Hernandez, Greg Vick (Farmington)**

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                              |   |                                 |
|------------------------------|---|---------------------------------|
| 1 API Number<br>30-045-13115 | 2 Pool Code<br>72319  | 3 Pool Name<br>Blanco Mesaverde |
| 4 Property Code              | 5 Property Name<br>Bruington LS   | 6 Well Number<br>4              |
| 7 OGRID No.<br>005073        | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 | 9 Elevation<br>5757'            |

10 Surface Location

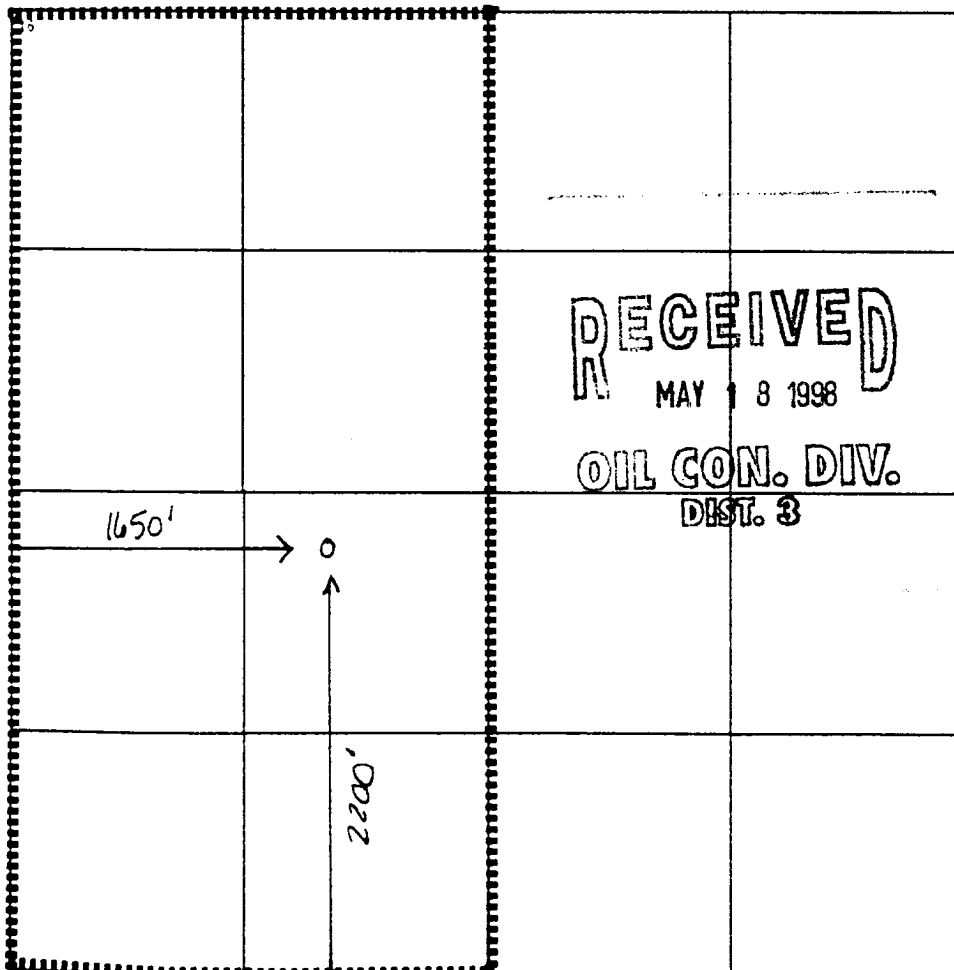
| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| K            | 6       | 30N      | 11W   |         | 2200          | South            | 1650          | West           | San Juan |

11 Bottom Hole Location If Different From Surface

| UL or lot no | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|              |         |          |       |         |               |                  |               |                |        |

|                             |                    |                       |              |
|-----------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>324.4 | 13 Joint or Infill | 14 Consolidation Code | 15 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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Kay Maddox*  
 Signature  
 Kay Maddox  
 Printed Name  
 Regulatory Agent  
 Title  
 March 24, 1998  
 Date

18 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

Date of Survey  
Signature and Seal of Professional Surveyor

Certificate Number