

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., 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

Form C-103  
May 27, 2004

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

WELL API NO. 30-039-26920
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. SF-078766
7. Lease Name or Unit Agreement Name Rosa Unit
8. Well Number 79B
9. OGRID Number 120782
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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  
WILLIAMS PRODUCTION COMPANY, LLC

3. Address of Operator  
P.O. Box 640, Aztec, NM 87410

4. Well Location  
975' FNL & 2600' FWL  
Section 22 Township 31N Range 06W NMPM County RIO ARRIBA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6269

12. 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 COMPL ☐

OTHER: ☒ Commingle

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

- i. Pre-approved Pool Division Order R-13122.
- ii. Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 5066'-5783', Basin Dakota 7822'-7880'.
- iv. Fixed percentage allocation based upon production data of 65% Blanco MV and 35% Basin Dakota: This is based on the historic MV/DK of this well. See attached recommendation for details. This allocation may be adjusted at a later date based on a spinner survey after production has stabilized.
- v. Commingling will not reduce the value of reserves.
- vi. Interest owners in the spacing unit have not been notified of the intent to downhole commingle per order R-12991.
- vii. The BLM has been notified on sundry notice form 3160-5.

RCVD OCT 20 '11

OIL CONS. DIV.  
DIST. 3

DHC 3669 AZ

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Ben Mitchell TITLE Regulatory Specialist DATE 10/19/2011

Type or print name Ben Mitchell E-mail address: ben.mitchell@williams.com Telephone No. 505-333-1806  
**For State Use Only**

APPROVED BY: Charles H. TITLE SUPERVISOR DISTRICT # 3 DATE NOV 04 2011

Conditions of Approval (if any):

1A



Exploration & Production

## Production Allocation Recommendation

**ROSA UNIT #079B**

**Mesa Verde/Dakota**

**WELLNAME:** Rosa Unit #079B

**LOCATION:** NE/4 NW/4 Section 22(C), T31N, R6W

**API No.:** 30-039-26920

**FIELD:** San Juan

**COUNTY:** Rio Arriba

**Date:** October 18, 2011

**Current Status:** The Rosa Unit #079B is currently a dual completion well producing from the Mesa Verde and Dakota formations. Williams recommends commingling this well.

### **Commingle Procedure:**

- Mesa Verde tubing will be pulled
- Dakota tubing will be pulled
- Production packer will be removed
- Well will be cleaned out to PBTD at 7943'
- A single string of 2-3/8" tubing will be run to ~7880'
- One set of wellhead facilities will be removed
- Well will be produced as a MV/DK commingle

**Allocation Method:** Historic production data from both zones in this well was gathered and analyzed. Average production was considered to calculate baseline allocations. Williams will run a completion profiler once the well is commingled to re-evaluate allocation percentages.

Average production used for baseline allocation:

Total Production from well = 183.39 Mcfd

Total Production from MV = 119.00 Mcfd

Total Production from DK = 64.39 Mcfd

MV allocation = MV production / Total production = 55.2 Mcfd / 102.5 Mcfd = **65%**

DK allocation = DK production / Total production = 47.3 Mcfd / 102.5 Mcfd = **35%**