

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesa, 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. 30-045-30816
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. State
7. Lease Name or Unit Agreement Name Rosa Unit
8. Well Number 167B
9. OGRID Number 120782
10. Pool name or Wildcat Blanco MV/Basin Dakota

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  
955' FNL & 2205' FEL  
Section 8B Township 31N Range 06W NMPM County SAN JUAN, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6219' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

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

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 ☐ RCVD NOV 15 '11  
OIL CONS. DIV.

OTHER: ☐

DIST. 3

- i. Pre-approved Pool Division Order R-13122.
- ii. Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 4510'-5772', Basin Dakota 7716'-7839'.
- iv. Fixed percentage allocation based upon production data of 46% Blanco MV and 54% 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.

X

OHC 3673AZ

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE E. Mitchell TITLE Regulatory Specialist DATE 11/14/2011

Type or print name Ben Mitchell  
For State Use Only

E-mail address: ben.mitchell@williams.com

Telephone No. 505-333-1806

APPROVED BY: Charles TITLE SUPERVISOR DISTRICT # 3 DATE 11-18-11

Conditions of Approval (if any):

\* If no PLT 2011 Approved test CSG Between Pkts & top Pkts to surface  
N



**Production Allocation Recommendation  
Rosa Unit #167B  
Mesa Verde/Dakota**

<b>WELLNAME:</b>	Rosa Unit #167B	<b>FIELD:</b>	San Juan
<b>LOCATION:</b>	NW/4 NE/4 Section 8(B), T31N, R6W	<b>COUNTY:</b>	San Juan
<b>API No.:</b>	30-045-30816	<b>Date:</b>	September 24, 2011

**Current Status:** The Rosa Unit #167B 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 7885'
- A single string of 2-3/8" tubing will be run to ~7810'
- 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. Cumulative production was considered to calculate baseline allocations. Williams will run a completion profiler once the well is commingled to re-evaluate allocation percentages.

Cumulative production used for baseline allocation:

Total Production from well	=	606.760 MMcf
Total Production from MV	=	278.901 MMcf
Total Production from DK	=	327.859 MMcf

MV allocation = MV production / Total production = 278.901 MMcf / 606.760 MMcf = **46%**

DK allocation = DK production / Total production = 327.859 MMcf / 606.760 MMcf = **54%**