

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

SEP 04 2009

**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.  
NMSF-078769

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

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

2. Name of Operator  
WILLIAMS PRODUCTION CO., LLC

8. Well Name and No.  
ROSA UNIT #153C

3a. Address  
P. O. BOX 640  
AZTEC, NM 87410

3b. Phone No. (include area code)  
(505) 634-4208

9. API Well No.  
30-039-30197

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Surface - 1115' FNL & 1745' FWL  
BHL - 1676' FNL & 2222' FEL Sec 17, T31N, R5W

10. Field and Pool or Exploratory Area  
BLANCO MV/BASIN MC/BASIN DK

11. Country or Parish, State  
RIO ARRIBA, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Commingle

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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Williams Production plans to commingle the Blanco Mesa Verde, Basin Mancos and Basin Dakota on this well as per attached procedure. Commingle authorization has been filed with the NMOCD. (copy attached)

RCVD SEP 9 '09

OIL CONS. DIV.

DIST. 3

Oilc 3230 Az

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Larry Higgins

Title Drilling COM

Signature

*Larry Higgins*

Date 09/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*Joe Hewitt*

Title GCO

Date 9-8-09

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 FFO

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

(Instructions on page 2)

NMOCD

Submit 3 Copies  
To Appropriate  
District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT II  
811 South First, Artesia NM 88210

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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)		WELL API NO. 30-039-30197
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FED <input checked="" type="checkbox"/>
2. Name of Operator WILLIAMS PRODUCTION COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 640, Aztec, NM 87410		7. Lease Name or Unit Agreement Name: Rosa Unit
4. Well Location (Surface) Unit letter C : 1115 feet from the NORTH line & 1745 feet from the WEST line Sec 17-31N-5W RIO ARRIBA, NM		8. Well No. Rosa Unit #153C
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6208' GR		9. Pool name or Wildcat BLANCO MV/BASIN MANCOS/BASIN DK

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

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL  
WORK

PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

X OTHER: COMMINGLING AUTHORIZATION

OTHER: \_\_\_\_\_

- 1) Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). Data below to satisfy NM OCD Rule 303 C.3 (b) (i)-(vii)
- Pre-approved Pool Division Order R-13122.
  - Pools to be commingled: Blanco MV 72319, Basin Mancos 97232, Basin Dakota 71599.
  - Perforated intervals: Blanco MV 6134'-6164', Basin Mancos 7140'-7525', Basin Dakota 8116'-8218'
  - Fixed percentage allocation based upon production data of 39% Blanco MV, 37% Basin Mancos, and 24% Basin Dakota. This is based on the historic production of all wells that have MV/MC/DK production. See attached recommendation for details. This allocation may be adjusted at a later date based on a spinner survey after production has stabilized.
  - Commingling will not reduce the value of reserves.
  - All interest owners in the spacing unit have not been notified of the intent to downhole commingle per order R-12991.
  - The BLM has been notified on sundry notice form 3160-5.

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

SIGNATURE Larry Higgins TITLE: Drig COM DATE: 9-3-09

Type or print name Larry Higgins

Telephone No. (505) 634-4208

(This space for State use)

APPROVED

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

Conditions of approval, if any:



Exploration & Production

## Production Allocation Recommendation Rosa # 153C (DK/MC/MV)

WELLNAME: Rosa #153C  
LOCATION: Sec.17, T31N,R05W  
API No.: 03-039-30197

FIELD: Rosa Blanco  
COUNTY: Rio Arriba, NM  
Date: 9-3-09

**Current Status:** Williams is currently completing the Rosa #153C in the Dakota, Mancos, and Mesa Verde formations. Williams recommends tri-mingling the well after the proposed completion work has been completed.

### Commingle Procedure:

1. Acidize & fracture stimulate the DK, MC, and MV formations
2. Flow back and clean up each formation prior to completion.
3. TIH w/ work string and remove CIBP
4. Clean out to PBTD
5. Complete with single string 2-3/8" tubing, landed in DK perfs
6. NDBOP. NUWH.
7. Turn well over to production as a tri-mingle

**Allocation Method:** Williams has assembled historic production data used to forecast Mancos production. Williams used this production data to come up with an initial allocation for this tri-mingle. Williams recommends that a spinner survey be performed after production has stabilized, so that allocation percentages can be corrected if need be.

After 18 months of production:

Total Production from well = 364,108 Mcf  
Total Production from DK = 86,405 Mcf  
Total Production from MC = 136,202 Mcf  
Total Production from MV = 141,500 Mcf

DK allocation = DK prod / Total prod = 86,405 Mcf / 364,108 Mcf = **24%**  
MC allocation = MC prod / Total prod = 136,202 Mcf / 364,108 Mcf = **37%**  
MV allocation = MV prod / Total prod = 141,500 Mcf / 364,108 Mcf = **39%**