

# RECEIVED

In Lieu of  
Form 3160  
(June 1990)

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 15 2010

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

Farmington Field Office  
Bureau of Land Management

5. Lease Designation and Serial No.  
NMSF-078764
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation  
Rosa Unit
8. Well Name and No.  
Rosa Unit 162C
9. API Well No.  
30-039-30719
10. Field and Pool, or Exploratory Area  
BLANCO MV/BASIN DK/BASIN MC
11. County or Parish, State  
Rio Arriba, New Mexico

SUBMIT IN TRIPPLICATE

1. Type of Well  
Oil Well Gas Well ☒ Other
2. Name of Operator  
WILLIAMS PRODUCTION COMPANY
3. Address and Telephone No.  
PO Box 640 Aztec, NM 87410-0640
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
935' FSL & 2200' FEL, T31N, R5W, Sec. 30

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

☒ Other Commingle Allocation

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Williams Production completed the Mesaverde and Dakota on this well in 2009 and commingle authorization per AZT-3182. We have now completed the Mancos and wish to adjust our allocation as follows'

MV - 39%

MC - 37%

DK - 24%

MC completion procedure and allocation recommendation attached. Allocations may be adjusted at a later date based on spinner surveys after production has stabilized.

RCVD JUL 20 '10

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Heather Riley

Title Regulatory Spec

Date 7/15/10

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

GEO

Date

7-16-10

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

NMOCD



Exploration & Production

## **Production Allocation Recommendation Rosa # 162C (DK/MC/MV)**

**WELLNAME:** Rosa #162C  
**LOCATION:** Sec. 30, T31N, 5W  
**API No.:** 03-039-30719

**FIELD:** Rosa Blanco  
**COUNTY:** Rio Arriba, NM  
**Date:** 7/15/10

**Current Status:** Williams is currently completing the Rosa #162C in the MANCOS formation. Williams was granted commingle authorization AZT-3181, 7/8/09. Williams wishes to change the allocation as per the following procedure

### **Commingle Procedure:**

1. Acidize & fracture stimulate the mancos formation
2. Flow back and clean up each formation prior to completion.
3. TIH w/ work string and remove CIBP
4. Clean out to PBTB
5. Complete with single string 2-3/8" tubing, landed below 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 =  $\text{DK prod} / \text{Total prod} = 86,405 \text{ Mcf} / 364,108 \text{ Mcf} = 24\%$   
MC allocation =  $\text{MC prod} / \text{Total prod} = 136,202 \text{ Mcf} / 364,108 \text{ Mcf} = 37\%$   
MV allocation =  $\text{MV prod} / \text{Total prod} = 141,500 \text{ Mcf} / 364,108 \text{ Mcf} = 39\%$