

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

WELL API NO.

30-039-29547

5. Indicate Type of Lease
STATE ☒ FED

6. State Oil & Gas Lease No.
E-347

7. Lease Name or Unit Agreement
Name:
Rosa Unit

8. Well No.
Rosa Unit 100B

9. Pool name or Wildcat
BLANCO MV//BASIN DK

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

3. Address of Operator

P.O. Box 640, Aztec, NM 87410

4. Well Location (Surface)

Unit letter 0 : 805 feet from the SOUTH line & 2005 feet from the EAST line Sec 21 -31N-6W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.
6376' GR

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

X OTHER: COMMINGLING AUTHORIZATION

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER: _____

~~ROUTING CASING~~

OIL CONS. DIV.

PLUG AND
ABANDONMENT

DIST. 3

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)

- i. Pre-approved Pool Division Order R-13122.
- ii. Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 5388'-5984', Basin Dakota 7908'-7998'.
- iv. Fixed percentage allocation based upon production data of 39% Blanco MV and 61% Basin Dakota. This is based on the historic production of both MV/DK production zones within the 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.

DHC 3671 AZ

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

SIGNATURE Ben Mitchell TITLE: Regulatory Specialist DATE: 10/28S/11

Type or print name Ben Mitchell

Telephone No: (505) 333-1816

(This space for State use)
APPROVED

BY Charles TITLE: **SUPERVISOR DISTRICT # 3**

DATE 11-17-11

Conditions of approval, if any:

A



**Production Allocation Recommendation
Rosa Unit #100B
Mesa Verde/Dakota**

WELLNAME:	Rosa Unit #100B	FIELD:	San Juan
LOCATION:	SW/4 SE/4 Section 21(O), T31N, R6W	COUNTY:	Rio Arriba
API No.:	30-039-29547	Date:	October 21, 2011

Current Status: The Rosa Unit #100B 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 8001'
- A single string of 2-3/8" tubing will be run to ~7945'
- 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 = 582.146 MMcf

Total Production from MV = 226.507 MMcf

Total Production from DK = 355.639 MMcf

MV allocation = MV production / Total production = 226.507 MMcf / 582.146 MMcf = **39%**

DK allocation = DK production / Total production = 355.639 MMcf / 582.146 MMcf = **61%**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 28 2011

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. E-347
2. Name of Operator Williams Production Company, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 640 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-1806	7. If Unit of CA/Agreement, Name and/or No. Rosa Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 805' FSL & 2005' FEL, Sec 21, R31N, T06W		8. Well Name and No. Rosa Unit #100B
		9. API Well No. 30-039-29547
		10. Field and Pool or Exploratory Area Blanco MV/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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Commingle
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 and Basin Dakota on this well as per attached procedure. Commingle authorization has been filed with the NMOCD. (copy attached)

RCVD OCT 31 '11

OIL CONS. DIV.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Ben Mitchell		Title Regulatory Specialist	
Signature <i>B Mitchell</i>		Date 10/28/11	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by <i>[Signature]</i> FARMINGTON FIELD OFFICE		Title <i>620</i>	Date <i>10-28-11</i>
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 <i>FFO</i>	

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

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