

Submit 3 Copies

To Appropriate
District Office

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

811 South First, Artesia NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised 1-1-89

WELL API NO.

30-039-25493

5. Indicate Type of Lease

STATE ☒ FED

6. State Oil & Gas Lease No.

E-289

7. Lease Name or Unit Agreement
Name:

Rosa Unit

8. Well No.

Rosa Unit COM 148

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
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT FOR OIL OR GAS PRODUCTION"
PROPOSALS

1. Type of Well:

Oil Well ☐

Gas Well ☒

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 : 445 feet from the SOUTH line & 2460 feet from the EAST line Sec 2 -31N-6W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.
6326' 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

ALTERING CASING

COMMENCE DRILLING OPNS.

PLUG AND

ABANDONMENT

CASING TEST AND CEMENT JOB

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)

- i. Pre-approved Pool Division Order R-13122.
- ii. Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 5324'-5967', Basin Dakota 7891'-8012'.
- iv. Fixed percentage allocation based upon production data of 54% Blanco MV and 46% Basin Dakota. This is based on the historic production of all wells that have MV/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.
- 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 3635 AZ

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

SIGNATURE Larry Higgins TITLE: Permit Supv DATE: 8/3/11

Type or print name Larry Higgins

Telephone No: (505) 634-4208

(This space for State use)

APPROVED

BY

Deputy Oil & Gas Inspector,
District #3

DATE AUG 19 2011

Conditions of approval, if any:

A



Production Allocation Recommendation
ROSA UNIT #148
Mesa Verde/Dakota

<u>WELLNAME:</u>	Rosa Unit #148	<u>FIELD:</u>	San Juan
<u>LOCATION:</u>	SW/4 SE/4 Section 2, T31N, R6W	<u>COUNTY:</u>	Rio Arriba
<u>API No.:</u>	30-039-25493	<u>Date:</u>	August 3, 2011

Current Status: The Rosa #148 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 8048'
- A single string of 2-3/8" tubing will be run to ~8000'
- 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	=	102.5 Mcfd
Total Production from MV	=	55.2 Mcfd
Total Production from DK	=	47.3 Mcfd

MV allocation = MV production / Total production = 55.2 Mcfd / 102.5 Mcfd = **54%**

DK allocation = DK production / Total production = 47.3 Mcfd / 102.5 Mcfd = **46%**