

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

<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.  30-039-26986
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"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator  WILLIAMS PRODUCTION COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator  P O BOX 3102, MS 25-4, TULSA, OK 74101		7. Lease Name or Unit Agreement Name:  ROSA UNIT
4. Well Location (Surface) Unit letter <u>O</u> : <u>10</u> feet from the <u>SOUTH</u> line & <u>2470</u> feet from the <u>EAST</u> line Sec 08-31N-05W RIO ARRIBA, NM		8. Well No.  46A
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 8123' GR		9. Pool name or Wildcat  BLANCO MV/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

RCVD AUG 29 '07

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT  
OIL CONS. DIV.

X PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

OIL CONS. DIV.

OTHER: COMMINGLING AUTHORIZATION

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

**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)
- Pre-approved Pool Division Order R-11363.
  - Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
  - Perforated intervals: Blanco MV 5753'-6088', Basin Dakota 7971'-8081'.
  - Fixed percentage allocation based upon production data of 40.12% Blanco MV and 59.88% Basin Dakota. See attached information for details.
  - Commingling will not reduce the value of reserves.
  - All interest owners in the spacing unit have been notified of the intent to downhole commingling, and no objection was received in 20 days of sending notice.
  - The BLM has been notified and has approved the work on sundry notice form 3160-5.

*DNC 2672 AZ*

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

SIGNATURE Rachel Lipperd TITLE: Engineering Technician DATE: August 28, 2007

Type or print name Rachel Lipperd Telephone No: (918) 573-3046

(This space for State use)

APPROVED

BY

TITLE

DATE

Conditions of approval, if any:

**Deputy Oil & Gas Inspector,  
District #3**

**SEP 10 2007**

*2*



EXPLORATION & PRODUCTION

## COMMUNICATION REPAIR & COMMINGLING PROCEDURE

ROSA #46A  
API No. 30-039-26986  
T31N, R5W, SECT. 08  
ELEVATION: 6,191' GR  
TD: 8,123' MD

### WELLBORE STATUS:

*DEVIATED HOLE: SEE ADDENDUM 1 PAGES 5, 6 & 7*

DK 2-1/16", 3.3 #/FT, To 8,018 MD  
5-1/2" MODEL D PACKER @ 6,250' MD

MV 2-1/16", 3.3 #/FT, To 6,052 MD

ESTIMATED DK SIBHP = 750± PSIG

ESTIMATED MV SIBHP = 550± PSIG

ESTIMATED DK SIBHT = 189± °F

**OBJECTIVE:** Repair hole in long string tubing. Increase size of long string tubing.

- 1) MIRU, kill, ND tree, & NU BOP's.
- 2) POOH with tubing on both strings.
- 3) Mill out packer.
- 4) Clean out fill to PBTD @ 8,079' MD..
- 5) RIH and hang-off commingled string @ 8,035' MD.
- 6) ND BOP's & NU tree.
- 7) TEST WELL TO MAKE CERTAIN TUBING IS NOT PLUGGED.
- 8) Release rig.
- 9) Return to production.

RCVD AUG 29 '07

OIL CONS. DIV.

DIST. 3

Production from MV = 151,354 Mcf or 36.13% of total

A plot of monthly production % for months when both zones produced at least 1 MCF of gas are shown in an attached plot as well as a plot starting on July 2003. The July 2003 to present data appears more representative and it is proposed that a linear best fit with last month's production data, May 2007, be used for the value of the bet fit in May 2007. The requested fixed percentage for allocation is 30% of total flow for the Mesa Verde zone and 70% of total flow for the Dakota zone.

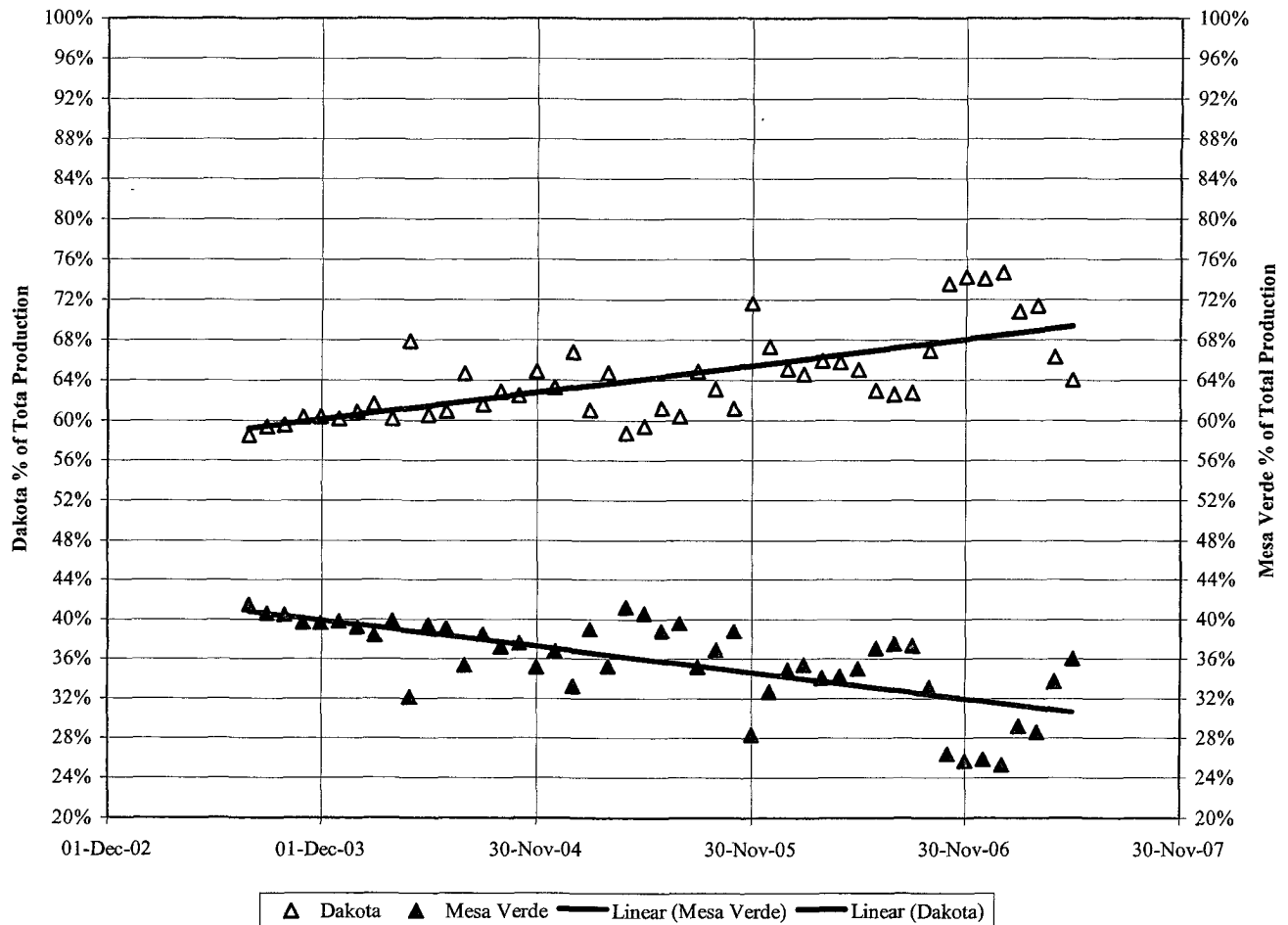
Requested Commingled Allocation:

DK allocation = 70% of wellstream flow.

MV allocation = 30% of wellstream flow.

### ROSA 46A

*MV & DK Monthly Production Comparison since JUL-03 When Both Zones' Production > 0*



**ROSA 46A**

*MV & DK Monthly Production Comparison for All Months When Both Zones' Production > 0*

