

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. 30-039-26555
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 type="checkbox"/>
2. Name of Operator WILLIAMS PRODUCTION COMPANY		6. State Oil & Gas Lease No. SF-078765
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>P</u> : 485 feet from the <u>SOUTH</u> line & 1125 feet from the <u>EAST</u> line Sec 15-31N-6W RIO ARRIBA, NM		8. Well No. 12B
10. Elevation (Show whether DF, RKB, RT, GR, etc. 6144' 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:**

PERFORM REMEDIAL PLUG AND ABANDON  
WORK

TEMPORARILY ABANDON CHANGE PLANS

PULL OR ALTER CASING

X OTHER: COMMINGLE

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPNS.

PLUG AND  
ABANDONMENT

CASING TEST AND CEMENT JOB

OTHER: PHC 2901AZ

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

**OBJECTIVE: REMOVE FAILED PACKER. COMMINGLE MV/DK.**

- 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 @ 7811' MD.
- 5) RIH and hang-off commingled string @ 7700' 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 JUN 25 '08

OIL CONS. DIV.

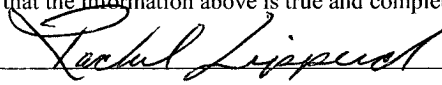
DIST. 3

*[Handwritten signature]*

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-11363.
- ii. Pools to be commingled: Blanco MV 72319, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 5662' - 4968', Basin Dakota 7678' - 7734'.
- iv. Fixed percentage allocation based upon production data of 76% Blanco MV and 24% Basin Dakota. See attached information for details.
- v. Commingling will not reduce the value of reserves.
- vi. All interest owners in the spacing unit have been notified of the intent to downhole commingle, and no objection was received in 20 days of sending notice.
- vii. The BLM has been notified and has approved the work 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  TITLE: Engineering Technician DATE: June 23, 2008

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

(This space for State use)

APPROVED BY  TITLE Deputy Oil & Gas Inspector, DATE JUN 30 2008

Conditions of approval, if any:

District #3



Exploration & Production

**Production Allocation Recommendation**  
**ROSA UNIT #12B**  
**BLANCO MV/BASIN DK**

**WELLNAME:** Rosa Unity #12B  
**LOCATION:** SE/4 SE/4 Section 15(P), T31N, R6W  
**API No.:** 30-039-26555

**FIELD:** San Juan  
**COUNTY:** Rio Arriba  
**Date:** June 2, 2008

**Current Status:** The Rosa #12B is currently a dual completion well producing from the Dakota and Mesaverde formations. The packer unit at 5800' has failed. Packer repair would be mandatory. The Production Optimization and Enhancement Team recommends commingling this well instead.

**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
- A single string of 2-3/8" tubing will be run to ~7700'
- 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 on this well was gathered and analyzed. Monthly production data from the entire life of the well (January 2002 through March 2008) was considered because the data shows no significant time span during which both wells appeared to produce optimally. Throughout the life of the well the Mesa Verde contributed approximately 76% of the total production of the well, while the Dakota accounted for the remaining 24% during the same time span.

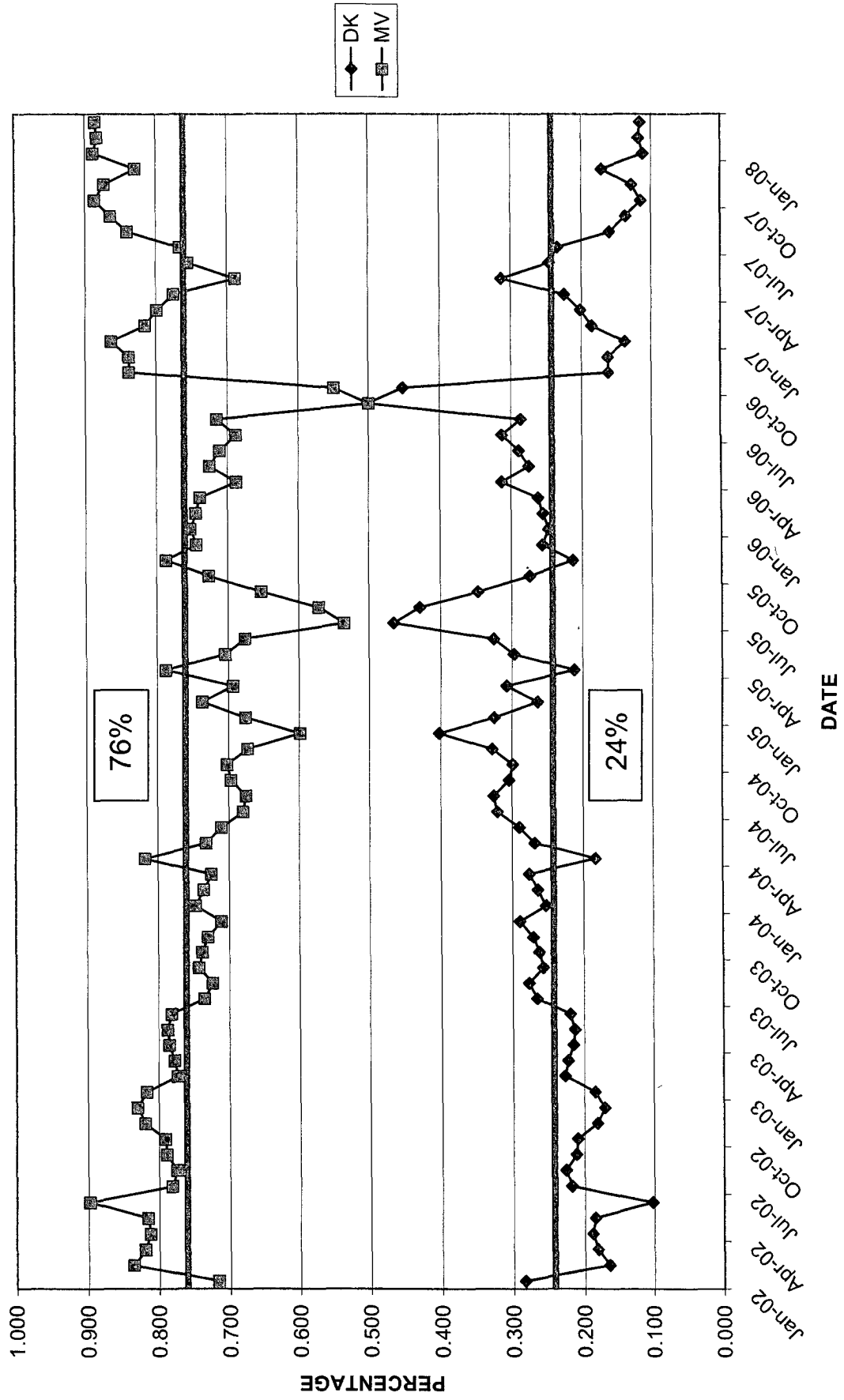
From January 2002 to March 2008

Total Production from well = 383800 Mcf  
Total Production from MV = 290900 Mcf  
Total Production from DK = 92900 Mcf

MV allocation = MV production / Total production = 290900 Mcf / 383800 Mcf = 76%

DK allocation = DK production / Total production = 92900 Mcf / 383800 Mcf = 24%

# ROSA 12B ALLOCATION



# ROSA UNIT #12B BLANCO MV/BASIN DK

**Location:** 485' FSL, 1125' FEL  
SE/4 SE/4 Section 15(P), T31N. R6W  
Rio Arriba Co., NM

**Elevation:** 6144' GR

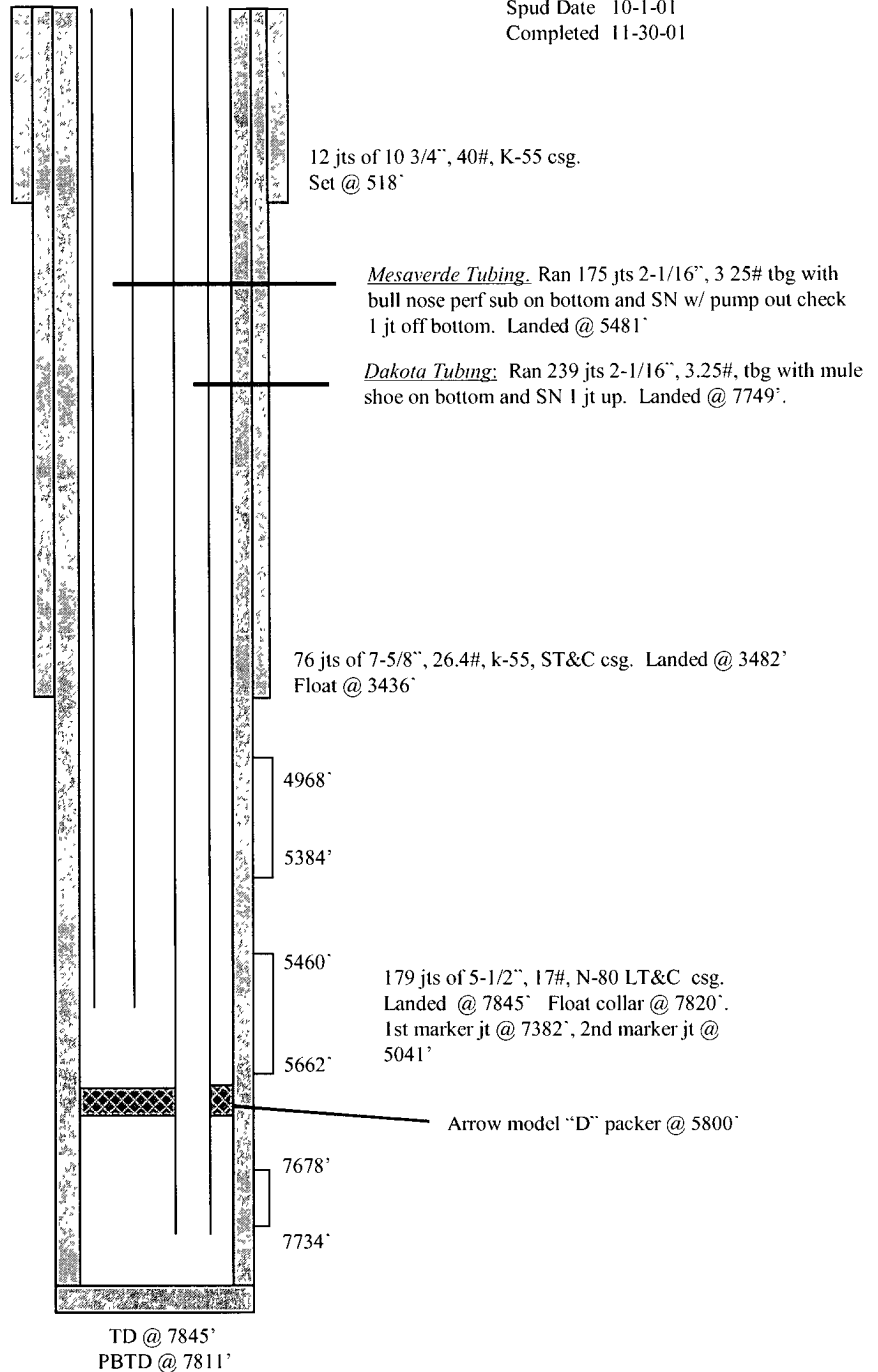
Spud Date 10-1-01  
Completed 11-30-01

<i>Tops</i>	<i>Depth</i>
Kirtland	2292'
Pictured Cliffs	2973'
Cliff House	5159'
Point Lookout	5454'
Mancos	5960'
Dakota	7648'

CliffHouse/Menefee 4968' - 5384' (26, 0.38" holes)  
87,000# of 20/40 sand in 1957 BBI's slick water.

Point Lookout 5460' - 5662' (22, 0.38" holes)  
80,000# of 20/40 sand in 1857 BBI's slick water.

Dakota 7678' - 7734' (12, 0.38" holes)  
50,000# of 20/40 Acfrac SB Excel resin coated proppant  
carried in 60Q Spectre G foam in 767 BBI's slick water



HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
14 3/4"	10 3/4"	450 sx	635 cu.ft.	surf
9 7/8"	7 5/8"	675 sx	1285 cu ft.	surf
6 3/4"	5 1/2"	320 sx	667 cu ft	1690 (cbl)