

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE SEP 21 2009		5. Lease Designation and Serial No. NMSF-078772
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA, Agreement Designation Rosa Unit
1. Type of Well Oil Well Gas Well X Other	8. Well Name and No. Rosa Unit 089D	
2. Name of Operator WILLIAMS PRODUCTION COMPANY	9. API Well No. 30-039-30783	
3. Address and Telephone No. PO Box 640 Aztec, NM 87410-0640	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK/BASIN MC	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 600' FNL & 645' FEL 1143' FNL & 1815' FEL SEC 34 32N 6W	11. County or Parish, State Rio Arriba, New Mexico	

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	Abandonment
<input type="checkbox"/> Subsequent Report	Recompletion
<input type="checkbox"/> Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other <u>Commingle</u>
	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 plans to commingle the Blanco Mesa Verde, Basin Mancos and Basin Dakota on this well as per attached procedure. Commingle authorization has been filed with the NMOCD. (copy attached)

RCVD SEP 24 '09

OIL CONS. DIV.

DIST. 3

04C 3239AZ

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

Signed Larry Higgins
Larry Higgins

Title Drilling COM Date 9-21-09

(This space for Federal or State office use)

Approved by Joe Hewitt

Title ECO

Date 9-23-09

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 #89D (DK/MC/MV)

WELLNAME: Rosa Unit #89D
LOCATION: Sec.34, T32N,R06W
API No.: 03-039-30783

FIELD: Rosa Blanco
COUNTY: Rio Arriba, NM
Date: 09/21/2009

Current Status: Williams is currently completing the Rosa #089D in the Dakota, Mancos, and Mesa Verde formations. Williams recommends tri-mingling the well after the proposed completion work has been completed.

Commingle Procedure:

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