

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.

30-039-30723

5. Indicate Type of Lease
STATE ☐ FED ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

Rosa Unit

8. Well No.

Rosa Unit #149C

9. Pool name or Wildcat

BLANCO MV/BASIN
MANCOS/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 F : 1910 feet from the NORTH line & 2225 feet from the WEST line Sec 12-31N-6W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.
6286' 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 Mancos 97232, Basin Dakota 71599.
- iii. Perforated intervals: Blanco MV 5386'-6145', Basin Mancos 6968'-7420', Basin Dakota 8052'-8134'.
- iv. Fixed percentage allocation based upon production data of 39% Blanco MV, 37% Basin Mancos, and 24% Basin Dakota. This is based on the historic production of all wells that have MV/MC/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. All 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.

RCVD SEP 3 '09
OIL CONS. DIV.

DIST. 3

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

SIGNATURE Larry Higgins TITLE: Drlg COM DATE: 9-2-09

Type or print name Larry Higgins

Telephone No: (505) 634-4208

(This space for State use)

APPROVED

BY

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE SEP 09 2009

Conditions of approval, if any:

Bj



Exploration & Production

Production Allocation Recommendation Rosa # 149C (DK/MC/MV)

WELLNAME: Rosa #149C
LOCATION: Sec.17, T31N,R06W
API No.: 03-039-30723

FIELD: Rosa Blanco
COUNTY: Rio Arriba, NM
Date: 9/2/09

Current Status: Williams is currently completing the Rosa #149C 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 below DK perfs
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 = $\text{DK prod} / \text{Total prod} = 86,405 \text{ Mcf} / 364,108 \text{ Mcf} = \mathbf{24\%}$
MC allocation = $\text{MC prod} / \text{Total prod} = 136,202 \text{ Mcf} / 364,108 \text{ Mcf} = \mathbf{37\%}$
MV allocation = $\text{MV prod} / \text{Total prod} = 141,500 \text{ Mcf} / 364,108 \text{ Mcf} = \mathbf{39\%}$

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 02 2009

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 IS IT TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.
NMSF-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit 149C

9. API Well No.
30-039-30723

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK/BASIN MC

11. County or Parish, State
Rio Arriba, New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well X Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO Box 640 Aztec, NM 87410-0640 (505) 634-4208

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 1910 FNL & 2225 FWL SEC 12 31N 6W
BHL: 1208 FNL & 1534 FEL

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

TYPE OF SUBMISSION

X Notice of Intent
Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
X Other Commingle

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 8 '09

OIL CONS. DIV.

DIST. 3

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

Signed

Larry Higgins

Title Drilling COM Date 9/2/09

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

Geo

Date 9-2-09

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