

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                   |
|---------------------------------------------------|
| WELL API NO.<br>30-039-30778                      |
| 5. Indicate Type of Lease<br>FEE X                |
| 6. State Oil & Gas Lease No.                      |
| 7. Lease Name or Unit Agreement Name<br>Rosa Unit |
| 8. Well Number<br>Rosa Unit #152D                 |
| 9. OGRID Number<br>120782                         |
| 10. Pool name or Wildcat<br>11. MV/MCS/DK         |

|                                                             |              |           |      |                   |
|-------------------------------------------------------------|--------------|-----------|------|-------------------|
| Section 36                                                  | Township 32N | Range 06W | NMPM | County RIO ARRIBA |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>6341' |              |           |      |                   |

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 x ☒ Other

2. Name of Operator  
Williams Production Company, LLC

3. Address of Operator  
P.O. Box 640 Aztec, NM 87410

4. Well Location  
Unit Letter M, 550 feet from the SOUTH line and 450 feet from the WEST line

12. 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 ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Completion

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

7-29-09 - MIRU AWS #266 - Run CBL, TOC @ 3340'. Test 5-1/2" casing to 1500 psi for 30 min, no leak off

7-30-09 - DO cement to PBTD @ 8041'

7-31-09 - MOL with AWS #266

8-24-09 - Rigless - Perf Dakota, 7912'-8037', with 78, 0.34" holes

8-25-09 - Frac Dakota with 5100# 100 mesh BASF followed with 121,600# BASF

8-26-09 thru 8-30-09 - Flow test Dakota

RCVD OCT 1 '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 Drilling COM. DATE 9/30/2009

Type or print name Larry Higgins E-mail address: Larry.Higgins@williams.com PHONE: 505-634-4208

For State Use Only

APPROVED BY: Felix G. Roldan TITLE Deputy Oil & Gas Inspector,  
District #3 DATE OCT 02 2009  
Conditions of Approval (if any):

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## Rosa Unit #152D – Page 2

**8-31-09** – Set CBP @ 7370'. Perf Lower Mancos, 7151'-7286', with 63, 0.34" holes

**9-1-09** – Frac Lower Mancos with 5000# 100 mesh BASF followed with 108,893# 40/70 BASF. Set Flo-thru BP @ 7104'. Perf Upper Mancos, 6820'-7070', with 78, 0.34" holes. Frac Upper Mancos with 5000# 100 mesh BASF followed with 84,964# 40/70 BASF

**9-3-09** – MIRU AWS #656 for completion.

**9-9-09** – DO Flo-thru BP @ 7104'

**9-11-09** – DO CBP @ 7370'. Set CBP @ 6066'

**9-12-09 thru 9-16-09** – Perf Mesaverde formation 5876'-5952', 5704'-5724', 5452'-5458' & 5405'-5409' and do DFIT tests

**9-17-09** – Perf Lower Mesaverde, 5572'-5952', with 71, 0.34" holes. Frac Lower Mesaverde with 80,700# 20/40 mesh BASF. Set Flo-thru BP @ 5546'. Perf Upper Mesaverde, 5173'-5527', with 54, 0.34" holes. Frac Upper Mesaverde with 79,800# 20/40 mesh BASF

**9-18-09** – DO Flo-thru BP @ 5546'

**9-22-09** – DO CBP @ 6066'

**9-23-09** – FLOW TEST: Duration = 2 hr, Test Method, choke = 1/2", MCF/D = 3500, Csg Psi = 560 lbs, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flaring

**9-24-09** – Land well as follows, 2-3/8" half muleshoe, 1 jt 2-3/8" J-55 tbg, 1.780 I.D. F-nipple, 129 jts 2-3/8" 4.70# J-55 EUE tbg, & 120 jts 2-3/8" 4.70# N-80 EUE tbg, EOT @ 7962' F-nipple @ 7930'

# ROSA UNIT #152D BLANCO MV / BASIN MANCOS / BASIN DK

Spud Date 7-6-09  
 Completed 9-24-09  
 1<sup>st</sup> Delivered 00-00-00 MV  
 00-00-00 MC  
 00-00-00DK

**Location:** 550' FSL & 450' FWL  
 SW/4 SW/4 Section 36 (M), T32N, R06W  
 Rio Arriba Co , NM

**Elevation:** 6341' GR  
**API #:** 30-039-30778

| <u>Tops</u>   | <u>Depth</u> |
|---------------|--------------|
| Kirtland      | 2520'        |
| Lewis         | 3324'        |
| Cliff House   | 5389'        |
| Menefee       | 5434'        |
| Point Lookout | 5635'        |
| Mancos        | 6112'        |
| Dakota        | 7912'        |

Upper MV: 5173'-5527' (54, 0.34 holes) Frac with 79,800# 20/40 BASF

Lower MV: 5572'-5952' (71, 0.34 holes) Frac with 80,700# 20/40 BASF

Uppr Mancos: 6820'-7070' (78, 0.34 holes) Frac w/5000# 100 mesh followed w/ 84,964# 40/70 BASF

Lwr Mancos: 7151'-7286' (63, 0.34 holes) Frac w/5000# 100 mesh followed w/ 108,893# 40/70 BASF

Dakota: 7912'-8037' (78, 0.34 holes) Frac w/ 5100# 100 mesh BASF followed with 121,600# 40/70 mesh BASF

7 jts of 10 3/4", 40.5#, J-55, ST&C csg. Set @ 312'.

93 jts of 7-5/8", 26.4#, K-55, LT&C csg. Set @ 3686'.

Tubing: 120 jts 2-3/8", N-80, 4.7# EUE tbg,  
 129 jts 2-3/8", J-55, 4.7#, EUE tbg, one 1 78"  
 F- Nipple, one jt 2-3/8" J-55, 6.5#, EUE tbg,  
 one 2.3/8" Exp Chk - 1/2 M/S. EOT - 7962'  
 F-nipple @ 7930'

210 jts of 5-1/2", 17#, N-80, LT&C csg Set @ 8048'.

TD @ 8052'  
 PBSD @ 8041'

| HOLE SIZE | CASING         | CEMENT  | CU. FT.     | CMT TOP     |
|-----------|----------------|---------|-------------|-------------|
| 14 3/4"   | 10 3/4", 40.5# | 290 sxs | 521cu.ft.   | surface     |
| 9 7/8"    | 7 5/8", 26.4#  | 595 sxs | 1465 cu.ft. | surface     |
| 6 3/4"    | 5 1/2", 17#    | 345 sxs | 481cu.ft.   | 3340' - CBL |