

In Lieu of
Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use
"APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
SF-078893

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
P. O. BOX 58900 MS 10317 SALT LAKE CITY, UTAH 84158-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
940' FSL & 960' FEL, SEC. 22, T31N, R4W

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #105

9. API Well No.

10. Field and Pool, or Exploratory Area
UND. GALLUP/BASIN DAKOTA

11. County or Parish, State
RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☐ 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.)*

Abandonment procedure is amended as per attached.

RECEIVED
NOV 3 1993
OIL CON. DIV
DIST. 3

RECEIVED
OCT 27 1993
DIST. 3

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

Signed STERGIE KATIRGIS SGK Title SR. PRODUCTION ENGINEER Date 10/18/93

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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.

APPROVED

*See Instruction on Reverse Side

NMOCD

OCT 29 1993
DISTRICT MANAGER

October 13, 1993

Williams Production Company
Rosa Unit #105 (G1/Dk)
940' FSL, 960 FEL
SE, Sec. 22, T31N, R4W
Rio Arriba County, NM
SF-078893

Plugging & Abandonment Procedure

Approved 9-24-93 Proposed Changes

Step #4) Decrease cement under cement retainer at 8680' from 41 sxs (48 cf) to 23 sxs (27 cf);
eliminate reference to 24 sxs (28 cf) inside because the 41 sxs above is sufficient with 100% excess to cover the perforations and Dakota top at 8728'.

Steps #5, 8, 10, 12, and 14) Eliminate mud between cement plugs. The reservoir pressure in the formations being covered is normal and the hydrostatic pressure water is sufficient to contain.

Step #7) Decrease cement volume under the cement retainer at 7688' from 171 sxs (202 cf) to 73 sxs (86 cf);
eliminate reference to 55 sxs (65 cf) inside because the 73 sxs above is sufficient with 100% excess to cover the perforations;
increase the cement volume above the retainer from 5 sxs to 31 sxs (37 cf), this will cover Gallup top at 7368' with 50' excess.

Step #9) Decrease the plug interval from 6727' - 5970' (covers Point Lookout through the Cliff House) to 6070' - 5970' (Mesaverde top at 6020'); cement volume decreases to 12 sxs (14 cf).

Top of MV - 6232'
move MV plug to 6282' - 6182'