

In Lieu of
Form 3160-S
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-078893
2. Name of Operator WILLIAMS PRODUCTION COMPANY <i>Amoco Prod. Co.</i>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P. O. BOX 58900 MS 10317 SALT LAKE CITY, UTAH 84158-0900	7. If Unit or CA, Agreement Designation ROSA UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 940' FSL & 960' FEL, SEC. 22, T31N, R4W	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(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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
OCT 20 1993
OIL CON. DIV.
DIST. 3

Williams Field Services		# of pages ▶ 4
To: WAYNE TOWNSEND	From: STERGIE KATIRGIS	
Co. BLM	Co. Williams Field Services	
Dept.	Phone # 801-584-6897	
Fax # 505-599-8998	Fax # 801-584-7747	

Verbal Approval w/ change in MV plan noted

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.

*See Instruction on Reverse Side

APPROVED
OCT 18 1993
DISTRICT MANAGER

NMOCD

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 ms - 6232'
move plug to 6252 - 6182'*