

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

Expires August 31, 1985

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—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P.O. Drawer 570, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

810' FNL & 2130' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5995' GR

5. LEASE DESIGNATION AND SERIAL NO.

SF-077966

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

Gallup Part. Area "C"

9. WELL NO.

115

10. FIELD AND POOL, OR WILDCAT

Cha Cha Gallup

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 23, T28N, R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)

SRC proposes to abandon this well as previously authorized (copy attached).

RECEIVED  
MAY 22 1984  
OIL CON. DIV.  
DIST. 3

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

SIGNED

TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

DATE

MAY 18 1984

M. MILLENBACH  
AREA MANAGER

\*See Instructions on Reverse Side

## DEPARTMENT OF THE INTERIOR

(Other instruction  
verse side)

ON

## GEOLOGICAL SURVEY

## 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—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. LEASE DESIGNATION AND SERIAL NO. SF-077966	
3. NAME OF OPERATOR Amoco Production Company - operator Aztec Oil & Gas Company - sub operator		4. IF INDIAN, ALLOTTEE OR TRIBE NAME	
5. ADDRESS OF OPERATOR Amoco - Security Life Building, Denver, Colorado 80202 Aztec - 2000 First National Bank Building, Dallas, Texas 75202		6. UNIT AGREEMENT NAME Gallegos Canyon Unit	
7. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 810' NL, 2130' EL, Section 23-28N-13W Unit Letter B		8. FARM OR LEASE NAME Gallup Part. Area "C"	
9. PERMIT NO.		9. WELL NO. 115	
10. ELEVATIONS (Show whether OP, ST, CR, etc.) 6003 KB		10. FIELD AND POOL, OR WILDCAT Cha Cha Gallup	
11. BUREAU OF LANDS		11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA Sec. 23-T28N-R13W	
12. COUNTY OR PARISH San Juan		13. STATE New Mexico	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANE	<input type="checkbox"/>
(Other)			

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. 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.)

Status: 8-5/8" surface pipe to 210'. Base Ojo Alamo 419'. DV tool 1940'.  
Perforations 5676'-5750'. 4-1/2" casing in 7-7/8" hole. Depleted oil well.

Propose to plug well as follows:

1. Fill hole with gel-mud. Place 30 sxs cement (260') plug from 5750' to 5490'
2. Place 10 sxs. cement (130') plug from 2005' to 1875'
3. Cut 4-1/2" casing at free point (top of annular cement calculated 702') and pull same. Fill hole with gel-mud. Place 30 sxs. cement (160') plug bottomed 75' below casing cut.
4. Place 15 sxs. cement (52') plug from 445' to 393'
5. Place 30 sxs. cement plug (100') from 260' to 160'
6. Place 10 sxs. cement (37') plug in top of surface pipe.
7. Cut off pipe at bottom of cellar, place one sack cement on top of pipe and install regulation marker.
8. Clean up and level location to as near original contour as practicable.

AMOCO PRODUCTION COMPANY

## 18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BUREAU OF LAND MANAGEMENT  
Culbert Service 420-  
Farmington, New Mexico 87499

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: 115 G.C.U.

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."

2. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.

3. Blowout prevention equipment is required.

4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.

5. The following modifications to your plugging program are to be made (when applicable):

- A. Plug in item 1 is to be moved up hole to cover the interval from 5449' to 5189' (to cover ~~at~~ the top of the Gallup).
- B. The plug in item 2 is to be moved up hole to cover the interval from 1940' to 1810'.
- C. The plug in item 4 is to be extended to cover the interval from 473' to 244'.
- D. A cement plug is to be added to cover the interval from 1754' to 1654'.
- E. If the 4 1/2" casing is not out and pulled, the plugs in items 4 & 5 are to be placed inside and outside of the casing.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

Office Hours: 7:45 A.M. to 4:30 P.M.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL LEASES  
FARMINGTON RESOURCE AREA

1. Secure prior approval before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 15 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 30 days after plugging work is completed, file Subsequent Report of Abandonment, Form 3160-5 (formerly 9-331), in quintuplicate with Area Manager, Bureau of Land Management, Caller Service 4104, Farmington, New Mexico 87499. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
  - a. Fill all pits, rat hole and cellar.
  - b. Clean well location of all equipment, concrete bases, pipe, junk and
  - c. Cut or remove tie downs.
  - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
  - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements. The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.