

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		2. CLASS DESIGNATION AND SERIAL NO. 14-20-603-734	
3. NAME OF OPERATOR ARCO Oil & Gas Company, Division of Atlantic Richfield Company		4. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
5. ADDRESS OF OPERATOR 1816 E. Mojave, Farmington, New Mexico 87401		6. UNIT AGREEMENT NAME Horseshoe Gallup Unit	
7. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1950' FSL & 660' FEL		8. FARM OR LEASE NAME Horseshoe Gallup	
14. PERMIT NO.		9. WELL NO. 57	
15. ELEVATIONS (Show whether SF, ST, OR, etc.) 5317' GR		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
		11. SEC., T., R., N., OR S.E. AND SUBST OR AREA 1 Sec. 31, T-31N, R-16W	
		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PEEL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input checked="" type="checkbox"/>	(Other) <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.)

ARCO Oil and Gas Company respectfully requests approval for extension of long term shut-in status on this well. At this time, under the current waterflood operation, ARCO cannot economically operate the subject well. An ongoing study to determine the feasibility of CO<sub>2</sub> flooding for the Horseshoe Gallup Field is underway, which may yield significant additional oil recovery (a CO<sub>2</sub> Pilot Project is planned to begin later this year as part of the study to assess CO<sub>2</sub> flooding potential). Implementation of a CO<sub>2</sub> flood would require the workover of existing wells, and the drilling of new wells. For this reason, ARCO proposes that this well be maintained in the long term shut-in status so that the wellbore will be available, should it be needed as part of a future CO<sub>2</sub> flood. This plan eliminates the economic waste of potentially usable wellbores, and promotes conservation.

THIS APPROVAL EXPIRES SEP 22 1988

18. I hereby certify that the foregoing is true and correct		APPROVED BY	
SIGNED <u>Brian F. Brisson</u>	TITLE <u>Production Supervisor</u>	DATE <u>6/24/88</u>	
(This space for Federal or State office use)			
APPROVED BY _____		DATE _____	
CONDITIONS OF APPROVAL, IF ANY:			

FARMINGTON, NEW MEXICO

\*See Instructions on Reverse Side

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-734
2. Name of Operator ARCO Oil and Gas Company, Div. of Atlantic Richfield Co.	6. If Indian, Allottee or Tribe Name NAVAJO
3. Address and Telephone No. 1816 E. Mojave, Farmington, New Mexico 87401 (505) 325-7527	7. If Unit or CA, Agreement Designation HORSESHOE GALLUP UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1950' FSL, 660' FEL SEC 31, T-31N, R-16W	8. Well Name and No. HORSESHOE GALLUP 57
	9. API Well No. 3004510126
	10. Field and Pool, or Exploratory Area HORSESHOE GALLUP
	11. County or Parish, State SAN JUAN NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other Long Term SI	<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.)\*

ARCO Oil and Gas Company respectfully requests approval for extension of long term shut-in status on this well. ARCO continues to find ways to reactivate previously uneconomic long term shut-in wells and has returned several to production as market conditions and production allowed. As you are aware, ARCO is selling it's working interest in the Horseshoe Gallup Unit and the new owners are very interested in reactivating long term shut-in wells especially with the recent increase in oil prices. For these reasons, ARCO proposes that this well be maintained in the long term shut-in status so that the wellbore will be available, should future production tests indicate commercial production. This plan eliminates the economic waste of potentially usable wellbores and promotes conservation.

THIS APPROVAL EXPIRES **SEP 01 1991**

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

Signed David Carpine Title Sr. Prod Supr Date 09/07/90

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any.

**APPROVED  
AS AMENDED**

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

**SEP 24 1990**  
**Ken Townsend**  
**FOR AREA MANAGER**