

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(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 each proposal.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. 14-20-604-1948-A	
2. NAME OF OPERATOR ARCO Oil & Gas Company, Division of Atlantic Richfield Company		4. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Mountain	
3. ADDRESS OF OPERATOR 1816 E. Mojave, Farmington, New Mexico 87401		5. UNIT AGREEMENT NAME Horseshoe Gallup Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 755' FSL & 680' FEL		6. FARM OR LEASE NAME Horseshoe Gallup	
14. PERMIT NO.		7. WELL NO. 146	
15. ELEVATIONS (Show whether BP, ST, OR, etc.) 1696' GR		8. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
		9. SEC., T., R., M., OR B.L. AND SUBST. OR AREA Sec. 21, 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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRAC TURE TREAT	<input type="checkbox"/>	FRAC TURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	<input type="checkbox"/>
PERF OR ALTER CASING	<input type="checkbox"/>		
MULTIPLE COMPLETE	<input type="checkbox"/>		
ABANDON*	<input type="checkbox"/>		
CHANGE PLANE	<input checked="" type="checkbox"/>		

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 CO₂ flooding for the Horseshoe Gallup Field is underway, which may yield significant additional oil recovery (a CO₂ Pilot Project is planned to begin later this year as part of the study to assess CO₂ flooding potential). Implementation of a CO₂ 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 well-bore will be available, should it be needed as part of a future CO₂ flood. This plan eliminates the economic waste of potentially usable wellbores, and promotes conservation.

RECEIVED
JAN 11 1988
OIL CON. DIV.
BOSTON

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

SIGNED <u>[Signature]</u>	TITLE <u>Production Supervisor</u>	DATE <u>6/24/88</u>
(This space for Federal or State office use)		
APPROVED BY <u>L. Mark Hoills</u>	TITLE <u>ACTING AREA MANAGER</u>	DATE <u>JAN 11 1988</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side