

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Injection		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2022
2. NAME OF OPERATOR ARCO Oil & Gas Company, Division of Atlantic Richfield Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR 1816 E. Mojave, Farmington, New Mexico 87401		7. 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		8. FARM OR LEASE NAME Horseshoe Gallup
14. PERMIT NO.		9. WELL NO. 79
15. ELEVATIONS (Show whether SP, ST, OR, etc.) 330' FSL & 1900' FEL 5948' GR		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup
		11. SEC., T., R., N., OR S.E. AND SUBST. OR AREA Sec. 14, T-31N, R-17W
		12. COUNTY OR PARISH 13. STATE San Juan NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  
FRACTURE TREAT  
SHOOT OR ACIDIZE  
REPAIR WELL  
(Other)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PCLL OR ALTER CASING  
MULTIPLE COMPLETION  
ABANDON\*  
CHANGE PLANE

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  
FRACTURE TREATMENT  
SHOOTING OR ACIDIZING  
(Other)

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

REPAIRING WELL  
ALTERING CASING  
ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(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 DATES SEP 01 1988

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

SIGNED

*[Signature]*

TITLE Production Supervisor

DATE 6/24/88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*[Signature]*

\*See Instructions on Reverse Side