

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

LEASE DESIGNATION AND SERIAL NO.  
14-08-0001-8200

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"/>                       |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Ute Mountain                       |  |
| 2. NAME OF OPERATOR<br>ARCO Oil & Gas Company, Division of Atlantic Richfield Company  |  | 7. UNIT AGREEMENT NAME<br>Horseshoe Gallup Unit                            |  |
| 3. ADDRESS OF OPERATOR<br>1816 E. Mojave, Farmington, New Mexico 87401   |  | 8. FARM OR LEASE NAME<br>Horseshoe Gallup                                  |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface |  | 9. WELL NO.<br>149   |  |
| 5. ELEVATIONS (Show whether SP, ST, GR, etc.)<br>530' FNL & 580' FEL<br>5666' GR   |  | 10. FIELD AND POOL, OR WILDCAT<br>Horseshoe Gallup                         |  |
| 14. PERMIT NO.   |  | 11. SEC., T., R., N., OR S.E., AND SURVEY OR AREA<br>Sec. 28, T-31N, R-16W |  |
| 15. ELEVATIONS (Show whether SP, ST, GR, etc.)<br>5666' GR   |  | 12. COUNTY OR PARISH<br>San Juan   |  |
|  |  | 13. STATE<br>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"/> | WELL OR ALTER CASING <input type="checkbox"/>    | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRACURE TREAT <input type="checkbox"/>       | MULTIPLE COMPLETE <input type="checkbox"/>       | FRACURE 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) <input type="checkbox"/>         |

(Notes: 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 well-bore 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.

RECEIVED  
JAN 12 1989  
OIL CON. DIV.  
DIST. 3

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 L. Mark Hollis

TITLE ACTING AREA MANAGER

DATE JAN 11 1989

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side