

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                         |   | 8. LEASE DESIGNATION AND SERIAL NO.<br>14-20-604-1951                        |                 |
| 2. NAME OF OPERATOR<br>ARCO Oil & Gas Company, Division of Atlantic Richfield Company   |   | 9. WELL NO.<br>160   |                 |
| 3. ADDRESS OF OPERATOR<br>1816 E. Mojave, Farmington, New Mexico 87401  |   | 10. FIELD AND POOL, OR WILDCAT<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 |   | 11. SEC., T., R., N., OR S.E. AND<br>SUBST. OR AREA<br>Sec. 28, T-31N, R-16W |                 |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether BV, ST, GR, etc.)<br>1980' FNL & 1980' FEL<br>5754' 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

| SOURCE OF INTENTION TO:  |                          | SUBSEQUENT REPORT OF:   |                          |
|--|--------------------------|---|--------------------------|
| TEST WATER SHUT-IN   | <input type="checkbox"/> | WATER SHUT-OFF  | <input type="checkbox"/> |
| FRACURE TREAT  | <input type="checkbox"/> | FRACURE TREATMENT   | <input type="checkbox"/> |
| SHOOT OR ACIDIZE   | <input type="checkbox"/> | SHOOTING OR ACIDIZING   | <input type="checkbox"/> |
| REPAIRING 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.) |                          |
| 17. DESCRIBE PROPOSED/COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any operations. 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.

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 Hoills

TITLE ACTING AREA MANAGER

DATE JAN 12 1989

CONDITIONS OF APPROVAL, IF ANY:

NOT TO BE USED FOR  
[illegible]

\*See Instructions on Reverse Side