

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

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"/>                       |  | 3. LEASE DESIGNATION AND SERIAL NO.<br>14-20-604-1951                         |  |
| 2. NAME OF OPERATOR<br>ARCO Oil & Gas Company, Division of Atlantic Richfield Company  |  | 4. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Ute Mountain                          |  |
| 3. ADDRESS OF OPERATOR<br>1816 E. Mojave, Farmington, New Mexico 87401   |  | 7. UNIT AGREEMENT NAME<br>Horseshoe Gallup Unit                               |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface |  | 8. FARM OR LEASE NAME<br>Horseshoe Gallup                                     |  |
| 5. ELEVATIONS (Show whether OF, HT, OR, etc.)<br>575' FNL & 905' FEL   |  | 9. WELL NO.<br>183  |  |
| 14. PERMIT NO.   |  | 10. FIELD AND POOL, OR WILDCAT<br>Horseshoe Gallup                            |  |
| 15. ELEVATIONS (Show whether OF, HT, OR, etc.)<br>5466' GR   |  | 11. SEC., T., R., N., OR S.E., AND<br>SURVEY OR AREA<br>Sec. 34, T-31N, R-16W |  |
|  |  | 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"/> | PERM OR ALTER CASING <input type="checkbox"/>    | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>  |
| FRAC OR LIFTING <input type="checkbox"/>     | MULTIPLE COMPLETE <input type="checkbox"/>       | FRAC 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"/>               |  |

(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 the 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 2 1989

OIL CON. DIV  
DIST. 3

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

SIGNED L. Mark Hollis

TITLE Production Supervisor

DATE 6/24/88

(This space for Federal or State office use)

L. Mark Hollis

TITLE ACTING AREA MANAGER

DATE JAN 11 1989

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR A PERIOD  
NOT TO EXCEED 1 YEAR

\*See Instructions on Reverse Side

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

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Use "APPLICATION FOR PERMIT—" for such proposals.)

|   |  |
|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  | 5. LEASE DESIGNATION AND SERIAL NO.<br>14-20-604-1951                    |
| 2. NAME OF OPERATOR<br>ARCO Oil and Gas Company, Div. of Atlantic Richfield Co.   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>UTE MTN.                         |
| 3. ADDRESS OF OPERATOR<br>1816 E. Mojave, Farmington, New Mexico 87401  | 7. UNIT AGREEMENT NAME<br>HORSESHOE GALLUP UNIT                          |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br>575'FNL, 905'FEL | 8. FARM OR LEASE NAME<br>HORSESHOE GALLUP                                |
| 14. PERMIT NO.  | 9. WELL NO.<br>183   |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>5466' GL  | 10. FIELD AND POOL, OR WILDCAT<br>HORSESHOE GALLUP                       |
|   | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>SEC 34, T-31N, R-16W |
|   | 12. COUNTY OR PARISH<br>SAN JUAN   |
|   | 13. STATE<br>NM  |

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)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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. Over the past two years, ARCO has reactivated several previously uneconomic long term shut-in wells and found commercial production. In addition, an ongoing CO2 feasibility study is underway which may yield significant additional oil recovery. Implementation of a CO2 flood would require the workover of existing wells, and the drilling of new wells. 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 or 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

1989

OIL CON. DIV.

1989

APPROVED FOR A PERIOD  
NOT TO EXCEED 1 YEAR

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

SIGNED L. Mark Hollis TITLE Sr. Prod Supr DATE 08/30/89

(This space for Federal or State office use)

APPROVED BY L. Mark Hollis

CONDITIONS OF APPROVAL, IF ANY:

ACTING  
AREA MANAGER

TITLE

DATE

Unocd

\*See Instructions on Reverse Side