

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Wells	7. UNIT AGREEMENT NAME Horseshoe Gallup Unit
2. NAME OF OPERATOR ARCO Oil and Gas Company, Division of Atlantic Richfield Co.	8. FARM OR LEASE NAME Horseshoe Gallup
3. ADDRESS OF OPERATOR 1816 E. Mojave, Farmington, New Mexico 87401	9. WELL NO. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1635' FSL, 1446' FEL	10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup
14. PERMIT NO.	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 32, T-31N, R-16W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5376' GL	12. COUNTY OR PARISH 13. STATE San Juan N.M.

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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <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 this work.)\*

ARCO Oil and Gas Company respectfully requests approval 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. 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

JUL 31 1987

OIL CON. DIV.  
DIST. 3

THIS APPROVAL EXPIRES

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

SIGNED <i>[Signature]</i>	TITLE Production Supervisor	DATE 6/29/87
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(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 29 JUL 1987

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

\*See Instructions on Reverse Side

for AREA MANAGER



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
Caller Service 4104  
Farmington, New Mexico 87499

## General Requirements For Non-Producing Wells on Federal Leases

May 12, 1986

I. Any temporary abandonment request must include the following:

A. Justification of the reason the well should be temporarily abandoned rather than permanently plugged and abandoned.

B. A complete record of perforations in the well casing.

C. Provide for the installation of a bridge plug or a cement plug no more than 50 feet above each set of open perforations and the well bore filled with conditioned, non-corrosive fluid and shut-in at the surface. If a bridge plug is used, it must be capped with cement. The cement cap must be the greater of 35 feet or five sacks of cement if placed by dump bailer or, 25 sacks if spotted by tubing. If a cement plug is used it must be the greater of 100 feet or 25 sacks of cement.

D. The casing and uppermost plug must be pressure tested.

E. Rehabilitation of the surface must be performed on all disturbed surface except for that necessary to service the well.

F. The anticipated date the operations will occur.

G. Approval will be granted for one year and one extension may be granted upon receipt of a proper request. All temporarily abandoned wells must either be reconditioned to a useful function within two years from the date of the first approval or permanently plugged and abandoned.

II. Any request for long-term shut-in status will be approved under the following conditions:

A. Approval may be granted for long-term shut-in of a well for reasons that include, but are not limited to the following:

1. Unable to buck line pressure.

2. Unable to produce due to lack of or litigation of sale contracts.

3. Unable to produce in paying quantities under existing market conditions.

4. Sales line unavailable.

5. Time required to evaluate well for usefulness.

B. The following terms and conditions will apply to all wells approved for long-term shut-in:

1. Approval will be granted for one year and renewed annually, upon receipt of a proper request.

2. Approved SI wells are to be tested annually. This office shall be notified in sufficient time before test to allow BLM to witness the test. Testing will include verification of production capabilities and casing integrity, such as pressure testing annulus, bradenhead tests, etc.

3. Close all valves on wellhead and seal. (This is to only identify the well as shut-in and to let the operator/BLM know if the well has been tampered with. All disconnected lines shall have bull plugs installed in the connections broken.

4. Clean up the location - pick up trash and junk, and remove to an acceptable area.

5. For oil wells with pump jacks, the operator will be allowed to leave the pump and rods in the hole and close all valves at the surface. The operator is to advise BLM if they will be removing the pump jack.

6. All wells approved for long-term shut-in will be carried in BLM records as being in a producible condition.

III. Any request for permanent plugging and abandonment must include the following:

A. The reason that the well should be permanently plugged and abandoned.

B. A plugging program to isolate and protect subsurface zones, other minerals and water zones.

C. The anticipated date the plugging will occur.