

UNITED STATES  
DEPARTMENT OF THE INTERIORSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

## GEOLOGICAL SURVEY

## 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 <input checked="" type="checkbox"/> Injection		7. UNIT AGREEMENT NAME Horseshoe Gallup Unit
2. NAME OF OPERATOR Atlantic Richfield Company		8. FARM OR LEASE NAME Horseshoe Gallup
3. ADDRESS OF OPERATOR 1860 Lincoln Street, Suite 501, Denver, Colorado 80203		9. WELL NO. 173
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  Unit P, 610' f/South & 640' f/East lines Sec. 27		10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5683 GR, 5691 RKB	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27-31N-16W
		12. COUNTY OR PARISH San Juan
		13. STATE New Mexico

## 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) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Shut In ☐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.) \*

This well was shut in 5-31-67 in order to evaluate the effect of changing pattern injection on production. U.S.G.S. approval for making this change dated 5-24-67.

This well is in a large Unit which is now under waterflood operations. Future plans are to conduct waterflood and tertiary recovery studies. These studies may result in a revised waterflood plan or in a tertiary recovery program that may require the use of this well in order to recover the maximum amount of oil from this reservoir.

Two (2) copies sent to New Mexico Oil Conservation Commission

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

SIGNED W. A. Walther, Jr.  
W. A. Walther, Jr.TITLE Dist. Prod. & Drilg. Supt.DATE 10/18/74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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