

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-103
Revised 10-1-78 '8

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
3. State Oil & Gas Lease No. State E3159-4
7. Unit Agreement Name Horseshoe Gallup Unit
8. Farm or Lease Name Horseshoe Gallup
9. Well No. 239
10. Field and Pool, or Wildcat Horseshoe Gallup
12. County San Juan

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER
2. Name of Operator ARCO Oil & Gas Company, Division of Atlantic Richfield Co.
3. Address of Operator 1816 E. Mojave, Farmington, New Mexico 87401
4. Location of Well UNIT LETTER <u>E</u> <u>2191</u> FEET FROM THE <u>North</u> LINE AND <u>331</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>30N</u> RANGE <u>16W</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 5667' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

ARCO Oil and Gas Company respectfully requests approval of long term shut-in status on this well. The subject well is in a Federal Waterflood Unit (Unit #14-08-001-8200). At this time, under the current waterflood operation, ARCO cannot economically operate the subject well. An ongoing study to determine the feasibility of CO₂ flooding for the Horseshoe Gallup Field 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 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 CO₂ flood. This plan eliminates the economic waste of potentially usable wellbores, and promotes conservation.

FILED
JUL 27 1987
OIL CON. DIV.
SANTA FE

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Frank T. Chavez TITLE Production Supervisor DATE 7/23/87
SUPERVISOR DISTRICT # 3
APPROVED BY Original Signed by FRANK T. CHAVEZ DATE JUL 27 1986
CONDITIONS OF APPROVAL, IF ANY