

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

State E3159-4

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. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Horseshoe Gallup Unit
2. Name of Operator ARCO Oil & 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. 228
4. Location of Well UNIT LETTER <u>C</u> , <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>30N</u> RANGE <u>16W</u> NMPM.	10. Field and Pool, or WHDC Horseshoe Gallup
15. Elevation (Show whether DF, RT, GR, etc.) 5663' GL	12. County San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐OTHER ☐PLUG AND ABANDON ☐CHANGE PLANS ☒REMEDIAL WORK ☐COMMENCE DRILLING OPS. ☐CASING TEST AND CEMENT JOBS ☐OTHER ☐

SUBSEQUENT REPORT OF:

ALTERING CASING ☐PLUG AND ABANDONMENT ☐

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 1703.

ARCO Oil and Gas Company respectfully requests approval for extension 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.

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

SIGNED

TITLE Production SupervisorDATE 8/31/88

Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT NO. 1

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 0 1988