



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

December 28, 1982

Mr. Stephen Rose
Arco Oil and Gas Company
Division of Atlantic Richfield Company
707 17th Street
P. O. Box 5540
Denver CO 80217

Re: Plug and Abandon of Horseshoe Gallup Unit #227
D-2-30N-16W

Dear Mr. Rose:

The plugging program for the referenced well must be changed.

The plug covering the surface casing must be extended down to 330' in order to separate the Mesa Verde from the Mancos. This plug will also be inside and outside the casing. The plug will then extend from 330' to 100'. A minimum ten sack surface plug is also required.

Yours truly,

A handwritten signature in cursive script that reads "Jeff A. Edmister".

Jeff A. Edmister
Geologist II

JAE:gc

cc: Well file
Operator file

Oil and Minerals Department

IF COPIES RECEIVED

DISTRIBUTION

SANTA FE

FILE

U.S.G.S.

LAND OFFICE

OPERATOR

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form O-103
Revised 10-1-77

ILLEGIBLE

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

E-3150-4

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO STOP OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL FORM O-101 FOR SUCH PROPOSALS.

OIL WELL ☐ GAS WELL ☐ OTHER: Infection

Name of Operator ARCO Oil and Gas Company, a Division of Atlantic Richfield Company

Address of Operator 127-17th Street, P. O. Box 3540, Denver, Colo. 80217

Location of well

UNIT LETTER D 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 30N RANGE 16W N.M.P.M.

7. Unit Agreement Name Horseshoe Gallup Tr.

8. Farm or Lease Name Horseshoe Gallup Tr.

9. Well No. 227

10. Field and Pool, or tract Horseshoe Gallup

11. Elevation (Show whether DF, RT, GR, etc.) 5667' GR

12. County San Juan

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ OTHER ☐ CASING TEST AND CEMENT JOBS ☐

OTHER ☐

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.

This notice supercedes our Sundry Notice(MMS Form 9-331) dated August 31, 1982 on the subject well.

ARCO now proposes to plug and abandon this well, as per the attached revised P & A Procedure.

(This is in compliance with the requirements as set forth in a memorandum dated September 30, 1981, and a subsequent letter of April 26, 1982, both from the State of New Mexico, Energy and Minerals Department, Oil Conservation Division(copies attached to our August 31, 1982 Sundry Notice).

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

S. C. Rose

SIGNED Stephen Rose

TITLE Dist. Prod. Supt.

DATE Nov. 1, 1982

DEPUTY OIL & GAS INSPECTOR DIST. #3

Original Signed by Je

DATE NOV 1 1982

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY: See revised cement program

HORSESHOE GALLUP UNIT INJECTION WELLS
PLUGGING AND ABANDONMENT PROCEDURE

1. LIFT.
2. Release packer and pull tubing and packer out of hole.
3. RIH with tbg open-ended to 50' below the bottom perforation and pump sufficient cement to set a 100' plug inside the casing.
4. POH w/tbg. GIH w/wireline and shoot enough holes in production casing ~~opposite a point just below surface casing shoe~~ to allow cement squeezing of zone.
5. RIH with tbg open-ended and squeeze through holes opposite surface csg shoe using the bradenhead method. Use sufficient volume of cement for 100' ²³⁰ column behind production string.
6. POH, cut csg 4' below ground level, weld on blind flange, and bury. Place abandoned well marker and move-off.

Revisions: add

Plug from 340' to 100' inside and outside casing.

10 sack surface plug.