BRUCE KING GOVERNOR LARRY KEHOE

SECRETARY

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

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

December 28, 1982

Mr. Stephen Rose Arco Oil and Gas Company P. O. Box 5540 Denver CO 80217

Re: Plug and Abandon of Horseshoe Gallup Unit #240F-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 340' in order to separate the Mesaverde from the Mancos. This plug will also be inside and outside the casing. The plug will then extend from 340' to the surface. Another option would be to run one plug from 340' to 240' and another from 117' to surface. Either of these takes into account the ten sack surface plug.

If you have any questions please call this office.

Yours truly,

Jeff A. Edmister Geologist II

JAE:qc

cc: Well file

Operator file