



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Drawer 1357
Roswell, New Mexico 88201

December 4, 1974

Phillips Petroleum Company
Room 711, Phillips Building
Odessa, Texas 79761

Gentlemen:

Your Application for Permit to Drill well No. 2 Hat Mesa Com in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 21 S., R. 32 E., Lea County, New Mexico, lease New Mexico 0257272, to a depth of 14,500 feet to test the Morrow formation is hereby approved.

Drilling of the well must be in compliance with the enclosed "Drilling Well Control Requirements for Deep Wells Drilled on Federal Oil and Gas Leases in the Hobbs District" dated June 22, 1973.

A Gamma Ray-Compensated Neutron log is to be run from the base of the intermediate casing point at approximately 5,600 feet to the surface.

One copy of the application is returned herewith. Please notify the District Engineer, Geological Survey, Hobbs, New Mexico, in sufficient time for a representative to witness all cementing operations. The Hobbs office telephone number is (505) 393-3612.

Sincerely yours,

(ORIG. SGD.) N. O. FREDERICK

N. O. FREDERICK
Area Oil and Gas Supervisor

Enclosure

cc: Regional Manager, Denver
Area Mining Supervisor (2)
NMOCC-Hobbs (2) (w/2 cys. Notice) ✓
Hobbs
Roswell (2)