

ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0100



October 20, 1982

Mr. Joe D. Ramey  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Ramey:

Unorthodox Location  
State Vacuum Unit No. 22  
Lea County, New Mexico

ARCO Oil and Gas Company respectfully requests administrative approval to drill its State Vacuum Unit No. 22, a producing infill well in the active waterflood unit, at an unorthodox location of 2500' FNL and 1575' FWL, Section 32, Township 17 South, Range 34 East, Lea County. The well is to be drilled to a TD of 4840'. In ARCO's opinion, completion of the well at the proposed location will recover unswept secondary production that would otherwise be left behind due to premature water breakthrough in the unit. The offsetting proration units to the proposed location all fall within the State Vacuum Unit operated by ARCO and, therefore no offset operators were notified of the request. Attached for your information is a plat showing offset operators to the State Vacuum Unit as well as the proposed well location. Other pertinent data is also attached.

Your prompt approval of this request will be sincerely appreciated since we plan to spud the well by the end of October, 1982. Please advise if we can furnish any additional information concerning this request.

Sincerely yours,

J. A. Fraga  
Engineer

JAF:dmm  
Atts.

Xc: NMOCC - Hobbs Office