



September 27, 1973

Mr. A. L. Porter, Jr.  
Secretary-Director  
New Mexico Oil Conservation  
Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Application for Administrative  
Approval for Water Disposal-  
Lone Pine Dakota "D" Unit,  
McKinley County, New Mexico

Gentlemen:

Tenneco Oil Company, as operator of the Lone Pine Dakota "D" Unit, respectfully submits application for administrative approval to recomplete the Lone Pine Dakota "D" Unit Well No. 26 from a water injector in the Dakota "D" Zone to a water disposal well in the Gallup Zone. In support of this application and in accordance with Commission Rule 701-B, we are attaching the following data:

1. A plat showing the location of the proposed injection well and all other wells in the area, along with leasehold ownerships.
2. A log section of the Gallup Zone in the LPDDU Well No. 26.
3. A diagrammatic sketch of the proposed injection well along with a prognosis to recomplete.
4. Three copies of Commission Form C-108 along with water analyses of Gallup water and Dakota "D" water.



Performance studies on the Lone Pine Dakota "D" Unit have indicated that continued injection of produced water will be detrimental to oil recovery, therefore, another point of water disposal must be developed. The Gallup Formation should be capable of taking the 1,050 barrels of water produced daily from Lone Pine.