

APPLICATION FOR AUTHORIZATION TO INJECT
EXXON YATES FEDERAL "C" #22

Data on the proposed SWD operation:

1. Average daily rate - 630 BPD
Maximum daily rate - 1600 BPD
Volume of fluids to be injected - 3,000,000 bbls
2. System is closed.
3. Average injection pressure - 790 psig
Maximum injection pressure - 790 psig
4. The source of water that will be disposed of is from the Delaware Mountain Group. The water is being produced from the following wells: Exxon Yates Federal "C" numbers 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 17, and 18 in Section 31, T-20-S, R-28-E, Eddy County, New Mexico. Attached are chemical analyses of the produced water from the Yates Federal "C" #6 (3550'-3624') and Yates Federal "C" #8 (2570'-2694').
5. A chemical analysis of the disposal zone formation water is not available. However, we do not anticipate that it is significantly different from that of the Yates Federal "C" #6 or #8.

EXXON

EXHIBIT NO. 5
DOCKET NO. 8705
HEARING DATE 9-25-85