

APPLICATION FOR AUTHORITY TO INJECT
Supplemental Information
(Continued)
J. M. DENTON WELL NO. 5
Lea County, New Mexico

VII. Proposed Operations Data:

- (1) Average Daily Injection rate - 8,000 bbls.
Maximum Daily Injection Rate - 10,000 bbls.
- (2) Type of System - Closed
- (3) Average Injection Pressure - 400 psi
Maximum Injection Pressure - 700 psi
- (4) Source of Injection Water - The injection water will be from the Devonian and Wolfcamp formation. An analysis of this water is attached.
- (5) Receiving Formation - Pennsylvanian. This injected water is compatible based on similar disposal operations in the area.

VIII. Injection Formation:

Formation consists of dolomite and limestone with minor amounts of shale. The injection zone is a Pennsylvania formation from 9960-12,250'.

IX. Stimulation Program:

5000 gallons 15% acid.

X. Well Log:

Copies have been filed with the Commission.

XI. Fresh Water Wells:

None available.

XII. Affirmative Statement:

Examination of available geologic and engineering data resulted in no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.