

C-108
Application For Authorization To Inject
Yates Petroleum Corporation
Kiwi AKX State #8
F 16-T22S-R32E
Lea County, New Mexico

- I. The purpose of reworking this well is to make a disposal well for produced Delaware Sand water into the Delaware Sand formation.

Yates Petroleum plans to convert this well to a water disposal well into the Delaware Sand.

- II. Operator: Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210
Brian Collins (505) 748-1471

- III. Well Data: See Attachment A

- IV. This is not an expansion of an existing project.

- V. See attached map, Attachment B

- VI. 2 wells within the area of review penetrate the proposed injection zone. (See Attachment C)

- VII. 1. Proposed average daily injection volume approximately 2,000 BWPD.
Maximum daily injection volume approximately 5,000 BWPD.

2. This will be a closed system.

3. Proposed average injection pressure-unknown.
Proposed maximum injection pressure--1048 psi.

4. Sources of injected water would be produced water from the Delaware Sand. (Attachment D)

5. See Attachment D.

- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from estimated depths of 5240'-8710'.

2. Possible Fresh water zones overlie the proposed injection formations at depths to approximately 850' feet. There are no fresh water zones underlying the formation.

- IX. The proposed disposal interval may be acidized with 7-1/2% HCL acid, 12-3 HF acid, or proppant fractured.

- X. Logs were filed at your office when the well was drilled.

- XI. 1 windmill exists within a one mile radius of the subject location.