

C-108
Application For Authorization To Inject
Yates Petroleum Corporation
Medano "VA" State #1
K 16-23S-31E
Eddy County, New Mexico

- I. The purpose of completing this well is to make a disposal well for produced Bell Canyon water into the Cherry Canyon, Brushy Canyon, and Bone Spring formations.

Yates Petroleum plans to convert this well to a dual water disposal well into the Cherry Canyon, Brushy Canyon and Bone Spring, and a producing well in the Bell Canyon.

- 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. Tabulation of data on all wells within area of review which penetrate the proposed injection zone. (See Attachment C.)
- One well penetrates the proposed injection zone. This is the Medano "VA" State #2 also operated by Yates Petroleum Corporation. It is a gas well located 1980' FNL, 660' FWL of Section 16-23S-31E approximately 1/4 mile NW of proposed well. (See wellbore sketch, Attachment D.)
- VII. 1. Proposed average daily injection volume approxi-
1500 BWPD.
Maximum daily injection volume approximately
5000 BWPD.
2. This will be a closed system.
3. Proposed average injection pressure-unknown.
Proposed maximum injection pressure--1204 psi.
4. Sources of injected water would be produced water from the Bell Canyon Sand. (See Attachment E.)
5. See Attachment F.