

C-108

Application For Authorization To Inject  
Yates Petroleum Corporation  
Union "AJS" Federal #1  
J 8-21S-32E  
Lea County, New Mexico

- I. The purpose of completing 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. No wells within the area of review penetrate the proposed injection zone.

- VII. 1. Proposed average daily injection volume approximately 1000 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--965 psi.

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

5. See Attachment C.

- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from estimated depths:
- |             |
|-------------|
| 4826'-4838' |
| 4987'-4990' |
| 4996'-5002' |
| 5017'-5028' |
| 5128'-5133' |
| 5144'-5157' |
| 5180'-5190' |
| 5308'-5326' |
| 5398'-5422' |