

FORM C-108 Supplement

Brown "AEI" #1

I. Purpose:

To drill out 5 1/2" casing shoe and cement plug below casing, clean out to plug at 11068', and convert to salt water disposal status. Planned injection interval is from perforations at 10366' to bottom of plugged back open hole interval at 11068'.

II. The operator is Yates Petroleum Corporation  
105 South 4th Street  
Artesia, New Mexico 88210

Attn: Albert R. Stall

III. Well Data:

See the attached injection well data sheet and schematic diagram.

IV. This is a new project.

V. A lease ownership map is attached (Midland Map Co.). Well and lease information is posted through 6/3/87. The map has a two-mile radius circle and a one-half mile radius circle around the subject well.

VI. There are no wells of public record within the area of review which penetrate the proposed injection zone other than the subject well.

VII. Data on proposed operations:

(1). The proposed average rate of injection is 2000 barrels per day, and the maximum is 5000 barrels per day. The estimated total volume of fluid to be injected is  $15 \times 10^6$  barrels.

(2). The system will be closed.

(3). The average injection pressure will be between 500 - 2000 PSIG. Maximum injection pressure will be 2073 PSIG.

(4). The source of injection fluid will be produced water from the following wells:

a. Shipp "ZI" #1  
660' FNL & 2310' FWL  
Sec. 27, T.16S., R.37E.  
Cisco Canyon Formation--10975-11028'  
Well produces too little water to obtain a sample.

b. Shipp "ZI" #2  
660' FNL & 1100' FWL  
Sec. 27, T.16S., R.37E.  
Strawn Formation--11461-11475'  
See attached analysis.