

**APPLICATION FOR AUTHORIZATION TO INJECT  
WEST AIRPORT FEDERAL COM #1**

Section III. Well Data

- A.
1. West Airport Federal Com #1-Y  
Unit Letter H, Section 29, T-22S, R-26E  
2250' FNL & 998' FEL  
Eddy County, New Mexico
  2. Casing:
    - Intermediate: 9 5/8" set @ 2304', cemented w/ 1125 sacks, 12 1/4" hole, cement was circulated to surface.
    - Production: 7" set @ 4253', cemented w/ 375 sacks, TOC @ ~2395' per P&A operations.
  3. Proposed tubing string:
    - Size: 2 7/8"
    - Lining Material: IPC
    - Setting Depth: 2250'
  4. Packer:
    - Name: Baker
    - Model: Tension or Model R-3 Single Grip
    - Setting Depth: 2250'
- B.
1. Injection formation: Bell Canyon Formation
  2. Injection interval: 2304' to 2396' - Open Hole
  3. Well originally drilled to a TD of 11,720' to test the Morrow formation. This zone proved unproductive. Well was plugged back to a depth of 4250', the Delaware zone, perforated and productive for approximately 1 year (March, 1975 to March 1976) then P&A'd.
  4. Original perforations from 4137' to 4154' were plugged when well was P&A'd. See schematic for details on plugs set.
  5. The productive zone directly above the proposed injection zone is the Bell Canyon from 1750' to 1900'. The next lower zone is the Cherry Canyon @ 2583'.