

APPLICATION FOR AUTHORIZATION TO INJECT

- VII. 1.) Average disposal rate is 2500 BPD, maximum disposal rate is 6000 BPD.
- 2.) The disposal system is closed.
- 3.) Average injection pressure is 0 psi, maximum injection pressure is 900 psi.
- 4.) Attached is a water analysis.
- 5.) Attached are two San Andres water analysis which are both approximately 5.1 miles from the proposed disposal well. These wells are the nearest San Andres wells to the proposed disposal well.
- VIII. The proposed disposal zone is the San Andres which is comprised of limestones and dolomites. The top and bottom of the San Andres lies at 3913' and 5120', respectively, which is 1207' gross thickness. The fresh water Aquifer in this area is the Alluvium, Chinle and Santa Rosa which lies at 0'-100', 100'-725', and 725'-1150', respectively.
- IX. The San Andres will be stimulated with 5000 gallons of 15% HCl, if necessary.
- X. Attached is a copy of the existing Resistivity Log.
- XI. Attached are water analysis from two fresh water wells in the area.
- XII. Available geological and engineering data have been reviewed with no evidence of open faults or any other connection between the disposal zone and underground sources of drinking water to exist.