

## Attachment 1: Conventional Groundbed Installation

1. Groundbeds will be installed with vertical augured holes, 12" diameter by a depth of no more than 15'.
2. Spacing will be 10' to 20' centers, depending on available land.
3. Anodes will be 3" x 60" treated graphite anodes.
4. Backfill material will be Loresco SWK, and will be poured into the hole dry, out of the bag. At least 2' of backfill will be installed above and below the anode, and the anode will be installed along the centerline of the hole.
5. The groundbed will be positioned at least 100' from the well-bore(s) to be protected, in a low resistivity area. Amoco will supply contractor with approximate location of low resistivity soil, however, contractor will be required to confirm soil resistivities in the area in which the groundbed is to be installed.
6. Anode lead wires will be buried in a common trench, minimum depth 24", terminating in an appropriate junction box. All lead wires will be #8 AWG HMWPE cable. No splicing will be allowed.
7. A #8 AWG HMWPE positive cable will be installed with one end terminated in the junction box and the other end terminated in the direct-current power source, which will be provided by Amoco Production Company.
8. Following is a summary of installations:
  - 3 ea. 10 anodes to 15' hole depth
  - 3 ea. 8 anodes to 15' hole depth
  - 1 ea. 8 anodes to 12' hole depth
  - 1 ea. 8 anodes to 10' hole depth