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Cathodic Protection well Plugging Procedure T30N, R11W, Section 5, NW/SE

- 1) Remove the ground bed junction box and mounting posts.
- 2) Dig and line an earthen reserve pit (6'x10'x3') for cuttings.
- 3) Mill the contents of the ground bed (coke breeze, cable, and poly vent pipe) to the top anode, DEPTH UNKNOWN.
- 4) Pressure pump neat cement (7 gallons water to 94 lb. bag American Portland) to 5' of surface.
- 5) Cut steel casing off at 5' below surface and weld steel cap on top.
- 6) Weld 4" diameter pipe 'dry hole marker' on top of steel cap. Dry hole marker to extend 4' above surface.
- 7) Backfill with earthen material to surface.
- 8) Remove reserve pit cuttings and liner to disposal.
- 9) Backfill reserve pit with earthen material and return site to previous condition/contour.

Cathodic Protection well Geology T30N, R11W, Section 5, NW/SE

We can project the following tops to the cathodic well based on logs from a nearby Dakota well (800 ft. SSE) and a PC well (850 ft. west):

Nacimiento:

Surface

Nacimiento Aquifers:

110-120' (

(low perm.?)

195-215'

(low perm.?) (low perm.?)

285-350° 420-520

(moderate perm?)

Ojo Alamo SS:

670-745

(moderate perm?)

Top Kirtland:

745'

Top Fruitland:

1865'

Top Basal Coal

2085

Top Pictured Cliffs:

2135'

The PC is the shallowest producing formation in the section. I have a work map and logs for your use.